المراجمة رقم (۱) الثروالتالي





Explorer in Action



William Tyner

- * William Tyner is a cultural anthropologist, technologist, and filmmaker.
- * He uses different types of digital technology to find real solutions to problems that benefit local communities.
- *William Tyner thinks that using technology in a positive way can help people become successful digital citizens.
- * He believes that digital communication is important to exchange opinions and build good relationships.
- * Mr. Tyner works with different organizations which help to put individuals in contact with people or services
- -This organization build easy-to-use digital tools and apps that provide people with the information they need ... example: app to pay bills



*وليام تايتر عالم في مجال علوم الإنسان الثقافية، وخبير تكنولوجي وصانع أفلام وهو يستخدم أنواعا مختلفة من التكنولوجيا الرقمية لإيجاد حلول حقيقية للمشاكل فتستفيد المجتمعات المحلية

*يعتقد ال<mark>سيد وليام أن</mark> استخدام التكنولوجيا بطريقة إيجابية يمكن أن يساعد الناس على أن يصبحوا م<mark>واطنين</mark> رقميين نا<mark>جحين.</mark>

* هو يؤمن بان التواصل أمر مهم لتبادل الآراء وبناء علاقات جيده.

*يع<mark>مل تارير مع منظمات مختلفة تجعل الأفراد على اتصال م</mark>ع الأشخاص أو الخدمات هذه المنظمات تقوم بإنشاء أدوات وتطبيقات رقمية سهلة الاستخدام تزود الأشخاص بالمعلومات التي يحتاجون إليها مثل تطبيق دفع الفواتير

► How Digital tools help citizens in Egypt?

- Book tickets online for trains, buses, and airplanes so travel is made more convenient.
- Purchase tickets for historical and cultural sites through a website
- A wealth of information with EKB website.

حجز تذاكر القطارات والاتوبيسات، والطائرات عبر الإنترنت جعل السفر اسهل , شراء تذاكر المواقع التاريخية و الثقافية من خلال المواقع الالكترونية , ثروه من المعلومات من خلال بنك المعرفه المصرى

Digital Citizenship



Digital citizenship

Digital Footprint

is the ability to use digital technology ethically, responsibly, and safely to:

-Take advantage of digital technology

-Protect your digital footprint

المواطنة الرقمية هي القدرة على استخدام التكنولوجيا الرقمية بشكل أخلاقم ومسؤول وآمن.

يساعدك هذا على لاستفادة من التكنولوجيا الرقميه وحمايه بصمتك الرقمي

is a record of what you do online, including:

- Sites you visit
- Things you post
- Things that others post about you البصمة الرقمية الخاصة بك هي سجل لما تفعله عبر الإنترنت بما في ذلك المواقع التي تزورها والأشياء التي تنشرها

الاشياء التي يقوم الاخرون بنشرها عنك.

How to be a good digital citizen?

1- Be ethical and responsible:

- Treat others online with respect
- Credit sources.

2- Stay safe online:

- Set strong passwords
- Choose websites you visit wisely
- Use updated software
- Monitoring online screen time.
- Share information about yourself and others safely and responsibly.

 كن أخلاقيًا ومسؤولًا -تعامل الآخرين عبر الإنترنت باحترام , وثق المصادر . استخدم الإنترنت بأمان من خلال تعيين كلمات مرور قوية، واختيار المواقع الإلكترونية بحكمة، واستخدام البرامج المحدثة، ومراقبة الوقت الذي تقضيه عبر الإنترنت شارك المعلومات المتعلقة بك وبالآخرين بأمان ومسؤوليه



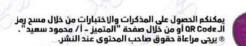
1- Rights of digital citizen

- 1- you have right to use internet when you want
- 2- engage with others online
- 3- express your opinions and post positive ideas
- 4- you have right not have your digital footprint copied or shared without your consent. (Protect your videos, songs or stories from piracy)

لديك الحق في استخدام الانترنت وقتما شئت والتفاعل مع الآخرين عبر الإنترنت , التعبير عن رايك و نشر أفكار إيجابية ,لديك الحق في عدم نسخ بصمتك الإلكترونية او مشاركتها دون موافقتك مثل حمايه الفيديوهات و الاغاني و القصص من القرصنة .







2- Responsibilities of digital citizen

- 1- Never commit piracy (don't share or sell digital content to others)
- 2- Show positive behavior in your communication online.
- 3- Share positive things with your classmates and friends.
- 4- Evaluate what you view or share

Is the source safe? Is it a result of piracy?

5- Evaluate how you're using the internet.

Is it a productive use of time?

**It is important to balance online & in-person activities **

لا ترتكب أعمال القرصنة أبدًا. لا تقوم ببيع ولا مشاركة محتوى رقمى للآخرين أظهر سلوك إيجابي فى اتصالاتك عبر الإنترنت. شارك مع زملائك وأصدقاؤك الأشياء الإيجابية. قيم ما تشاهده هل هو من مصدر امن هل هو من مصدر غير مقرصن, قيم استخدامك للإنترنت هل هو استخدام مثمر للوقت. من المهم تحقيق توازن جيد بين استخدام الإنترنت والتواصل الشخصي مع الآخرين



Internet Communication



Synchronous communication



Asynchronous communication



▶ 1- Synchronous communication

communication that occurs in real time with instant responses

- It is exchanging information or files between people at the same time **Example**: video chats, instant messaging, chat rooms and Live television



Example 1 Video chats:

- * Video chats allow you to communicate live with one or more people
- * Tools needed:
- device with a camera and speakers (mobile or computer)
- video chat software (Skype)



Example 2 Instant messaging (IM):

- * Instant message allows you to send messages using the internet. (text pictures videos)
- * Tools needed

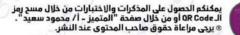
Mobile and IM phone application (WhatsApp)

Oi

Computer and IM software









Example 3 Chat rooms:

- *Chat rooms allow you to communicate in a group.
- *it usually focus on just one particular subject. example: People may use a chat room to study subject (ICT group – Science group)

Tools needed:

Mobile apps

O





2- Asynchronous communication

Communication that does not require an instant response - transferring information or files between two people or more not necessarily at the same time.

Example email, recorded educational programs

Example 1 Email:

- * Email allows you to send and receive messages.
- * Emails are a little more formal than Ims**

For example: You could email your teacher about a school project.

You could also use email to reach out to a government agency or an official.

Tools needed:

email application on your mobile.

O

Internet browser to access an email website Example 2 Recorded educational programs



الاتصال غير المتزامن: الاتصال الذي لا يتطلب استجابة فوريه و هو عباره عن نقل المعلومات أو الملفات بين شخصين أو أكثر وليس بالضرورة في نفس الوقت. مثال البريد الالكتروني – البرامج التعليميه المسجله

مثال 1 البريد الإلكتروني: يتيح لك إرسال واستقبال الرسائل.

. تعتبر رسائل البريد الإلكتروني أكثر رسمية من الرسائل الفورية مثال : يمكنك إرسال بريد إلكتروني إلى معلمك حول مشروع مدرسي. يمكنك أيضًا استخدام البريد الإلكتروني للتواصل مع هيئة حكومية أو أحد المسؤولين.

الأدوات المطلوبة: تطبيق البريد الالكتروني او متصفح الويب للوصول الي موقع البريد الالكتروني

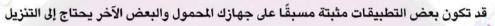




Cell phone application

- Cell phone application is an application that runs on your mobile device, it allows you direct access to different programs such as email, instant messaging, social network pages, and video chats.
- Some applications could be pre-installed on your mobile device. Others need to be downloaded.

.تطبيق الهاتف الخلوي هو تطبيق يتم تشغيله على جهازك المحمول يتيح لك الوصول المباشر إلى برامج مختلفة مثل البريد الإلكتروني والرسائل الفورية وصفحات الشبكات الاجتماعية و محادثات الفيديو



Lesson 5

How to Use E-Communication



1- Video Chats

To start a call

create a link to send to the participant(s).

To join a call

· click on a link and wait to be "let in"





Sometimes, the person in charge of the call may mute people's microphones.

- You can also mute your microphone or turn off your camera at any time.
- Take your turn when speaking.
- If your camera is on:
- anyone who is on the call will be able to see you.
- Be properly dressed and behave as if you were out in public.
- Make sure there is nothing in your background that indicates your address or any personal information that you do not want to share.

كيفية استخدام أدوات تكنولوجيا المعلومات والاتصالات للتواصل

لبدء محادثة فيديو، عليك إنشاء رابط لإرساله إلى المشاركين

،إذا كنت ترغب في الانضمام إلى محادثة فيديو, فعليك أن تنقر على الرابط الخاص بها وتنتظر حتى يسمح لك الشخص الذي بدأها .أو يمكنك الرد على محادثة الفيديو بالضغط على أيقونة الهاتف/الفيديو

. تأكد من تشغيل الميكروفون والكاميرا في بعض الأحيان، قد يغلق الشخص المسؤول عن المحادثة صوت ميكروفونات الأشخاص الأخرين . يمكنك أيضًا غلق صوت الميكروفون أو إيقاف تشغيل الكاميرا وقتما تشاء- تحدث عندما يأتى دورك

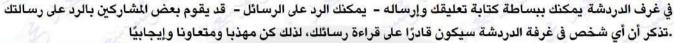
إذا كانت الكاميرا قيد التشغيل فسيتمكن أي شخص مشارك بالمكالمة من رؤيتك ارتدي ملابس مناسبة وتصرف كما لو كنت في مكان عام . تأكد من عدم وجود أي شيء في الخلفية يشير إلى عنوانك أو أي معلومات شخصية لا ترغب في مشاركتها





2- Chat rooms

- You can type and send your comment.
- You can reply to messages.
- Some participants may reply to your message.
- Remember, anyone in the chat room can read your messages so be polite, helpful, and positive.



3- Instant Messaging

To send an instant message

- 1- Click on the name of the person you'd like to chat with
- 2- Type your message
- 3- Click on "Send" icon



- Instant messaging is a fun, casual way to communicate (informal)
- You may use phrases instead of full sentences, emoticons, images

المراسلة الفورية : لإرسال رساله فوريه اضغط على اسم الشخص الذي ترغب في الدردشة معه – اكتب رسالتك وانقر على أيقونة «إرسال ، تعد المراسلة الفورية وسيلة ممتعة وغير رسمية للتواصل. يمكنك استخدام عبارات قصيرة بدلاً من الجمل الكاملة – الرموز والصور

4- Email

Emails is used in more formal situations such as creating an EKB account and writing

To send an email to someone

- Type the Email in "To "field
- Type the title in "Subject "field
- Use proper grammar
- Use greetings and endings
- If you're sending attachments be sure the information you're sending is safe and accurate.

W :

Be polite and clear

من الشائع استخدام رسائل البريد الإلكتروني في المواقف الأكثر رسمية - مثل إنشاء حساب على بنك المعرفة المصري ومراسلة معلمك استخدم قواعد نحويه صحيحه - استخدم عبارات التحية والختام - إذا كنت ترسل مرفقات فتأكد من أن المعلومات التي ترسلها أمنة ودقيقة. - كن مهذبا وواضحا



cc: bcc:

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6 8 I I A Send Now





Online Learning Environments and Sources



On line Learning Environment

- Online learning environments, like Edmodo
- Edmodo allow teachers and students to communicate where ever they are.
- Teachers can provide virtual lessons and upload quizzes and homework assignments for students to access.
- Students can also send messages to their teachers, and post their completed assignments.

بيئات التعلم عبر الإنترنت

تتيح بيئات التعلم عبر الانترنت مثل الادمودو للمعلمين و الطلاب التواصل بغض النظر عن المكان – يمكن للمدرسين تقديم دروس افتراضية وتحميل الاختبارات والواجبات المنزلية ليتمكن الطلاب من الوصول إليها

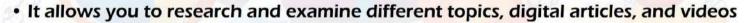
يمكن للطلاب أيضًا التواصل مع معلميهم ونشر المهام الدراسية عند إكمالها.

On line Learning Sources

•There are multiple online learning sources that can help you to learn about different subjects.

▶ 1- Egyptian Knowledge Bank

- The first (premiere) online library in Egypt
- It contains resources for a variety of subjects



2- Vlaby

 A virtual labs platform that enables students and teachers to do lab experiments in an interactive environment.
 It's not only informative, but fun too!



Egyptian Knowledge Bank ننگ المعرفة المصري

3- National Geographic Kids



A popular online source for kids to find information on a variety of subjects
 Animals science History geography





▶ 4- Mapmaker Interactive

- · A special interactive feature delivered by National Geographic,
- Mapmaker Interactive provides online world mapping tools for students and teachers.
- · Map themes, data, and tools are used.



- Reliable online digital tools are invaluable sources of information
- The Mapmaker Interactive is one of the safest sites for research and data collection.

1-بنك العرفه المصري و هو يعتبر المكتبة الإلكترونية الأولى في مصر التي تحتوي على مصادر حول موضوعات متنوعة. تمكنك من الاطلاع على الموضوعات المختلفة والمقالات الرقمية ومقاطع الفيديو

2-منصة معامل افتراضية تمكن الطلاب والمعلمين من إجراء التجارب المعملية في بيئة تفاعلية.
 ! إنها ليست غنية بالمعلومات فحسب بل إنها ممتعة أيضًا!

3- <mark>مصدر شائع عبر الإنترنت يمكن الأطفال من العثور على مع</mark>لومات عن موضوعات متنوعة، بدءًا من الحيو<mark>انات والعلوم وحتى التاريخ</mark> والجغرافيا

خاصية تفاعلية <mark>مم</mark>يزة تقدمها ناشيونال <mark>جيوجرافيك، يوف</mark>ر مصمم الخرائط التفاعلي أدوات رسم خرائط العالم عبر الإنترنت للطلاب والمعلمين يسمح باستخدام موضوعات وبيانات وأدوات متعلقة بالخرائط.

> تعد الأدوات الرقمية الموثوقة عبر الإنترنت مصادر معلومات لا تقدر بثمن. بعد مصمم الخرائط التفاعلي واحدًا من أكثر المواقع أمانًا للبحث وجمع البيانات.

Planning digital searches



Conducting a digital search for reliable content

It's important to plan before conducting a digital search.

من المهم التخطيط قبل إجراء بحث رقمي

إجراء بحث رقمي للحصول على محتوى موثوق

Steps to conduct a digital search

Choose your topic





What you know about the What you want to learn topic? about it?

Think and write notes

Choose the types of online sources you will use

Digital search can include audio, video, and image sources, not just text sources

Evaluate the types of sources (reliable or unreliable)



Reliable sources

Articles

- is the information written and verified by experts
- The information is presented in a professional fashion
- The information is well-written, without spelling grammar or mistakes.

Unreliable sources



- Facebook -Wiki pages - bloas You may find factual information on social media sites also, you can find information full of opinions, errors, and even lies.
- You must be wary of information you find

خطوات اجراء بحث رقمي

- 1- اختر موضوع بحثك ماذا تعرف بالفعل عن الموضوع؟ ما الذي تريد أن تتعلمها عنه ؟ فكر واكتب الملاحظات.
- 2-. اختر أنواع المصادر الإلكترونية التي ستستخدمها. البحث الرقمي يمكن أن يتضمن مصادر كالتسجيلات الصوتية ومقاطع الفيديو والصور وليس فقط مصادر نصية. .
 - 3- قيم أنواع المصادر التي اخترتها هل هي موثوقة ام غير موثوقة
- المصادر الموثوقة هي مقالات أو معلومات كتبها خبراء وتحققوا من صحتها يتم تقديم المعلومات بطريقة احترافية تكتب هذه المصادر بعناية كما تقل فيها الأخطاء النحوية والإملائية..

المصادر الغير الموثوقه قد تجد معلومات صحيحه على وسائل التواصل الاجتماعي و لكن من المحتمل ايضا ان تجد معلومات مليئة بالآراء الشخصية والأخطاء وحتى الأكاذيب يجب أن تكون حذرًا عند استخدام المعلومات التي تجدها



While conducting your digital content search:

- * Focus on the topic you're researching
- * Once you find information evaluate it. Is it reliable?
- * If the information is reliable, take thorough notes.
- * Write down what you're going to use from the source material.
- * Cite the source information (credit the source in your report)



عند إجراء البحث عن المحتوى الرقمى، احرص على التركيز على الموضوع الذي تبحث عنه فقط. – بمجرد العثور علي معلومه قم بتقيمها هل هي موثوقه ؟ اذا تاكدت ان المعلومه موثوقه قم بتدوين ملاحظات مفصله عنها - اكتب كتابة ما ستستخدمه من مادة المصدر – اذكر مصدر المعلومات (احترم المصدر و اكتبه في تقريرك)

Organize and write your report

gather your notes and reliable source information. Use your notes to write an outline

Write an outline

An introduction

Supporting paragraphs

Conclusion or final thoughts

that introduces the topic that present the information on the information that of the report you have presented

تنظيم وكتابة تقريرك

اجمع ملاحظاتك والمعلومات الموثوقة. استخدم ملاحظاتك لكتابة مخطط تفصيلي

كتابة مخطط تفصيلي

يج<mark>ب أن يتضمن المخطط التفصيلي ما يلي مقدمة عن موضوع</mark> التقرير. فقرات داعمة تعرض المعلومات. خاتمة أو أفكار نهائية حول المعلومات التي قدمتها.

Lesson 2

Problem - solving skills



When using ICT tools, you may face problems that you'll need to think through and solve.

.عند استخدام أدوات تكنولوجيا المعلومات والاتصالات، قد تواجه مشكلات ستحتاج إلى التفكير فيها وحلها

Steps to make problem solving easier

Construct a Hypothesis

A hypothesis is an educated guess about how things work

It is an attempt to answer your question with an explanation that can be tested.



► Test your Hypothesis

Was your test successful?

If not, don't worry, we learn from our mistakes

What did you learn? How can this help you make your next hypothesis?

Do not conduct any test which is not safe

خطوات لتسهيل حل المشكلات

1- قم ببناء فرضية

الفرضية هي تخمين علمي حول كيفية حدوث الأشياء إنها محاولة للإجابة على سؤالك بشرح يمكن اختباره .

2- اختبر فرضيتك

هل كان اختبارك ناجحاً؟ إذا لم يكن الأمر كذلك، فلا تقلق، فنحن نتعلم من أخطائنا ماذا تعلمت؟ كيف يمكن أن يساعدك هذا في تكوين فرضيتك التالية ؟! لا تقم بإجراء أي اختبار غير آمن

Breaking down problems into smaller sections

Example 1

Your teacher asks you to organize the class trip.

It seems quite difficult but if you break it down into multiple smaller tasks, it becomes more manageable.

- 1- destination for the trip.
- 2- when you will go and at what time
- 3- the price
- 4- how you and your class will get to the destination
- 5- what everyone will need to bring
- 6- a list of rules to follow on the day of the trip



If you have a group of people solving a problem assign each person one section

Example 2

Microsoft Word is not responding

- 1. Make sure your keyboard is well connected
- 2. Restart your computer.
- 3. Type a few letters on a Word.
- 4. Try connecting another keyboard
- 5. Ask your teacher for help to solve the problem.



.مثال 1: . يطلب منك معلمك المساعدة في تنظيم رحلة للفصل

، قد تبدو المهمة التي تم تكليفك بها صعبه لكن اذا قمت بتقسيمها لمهام صغيره ، يصبح الأمر أكثر قابلية للإدارة



ICT

primary 4 - second term



1- مكان الرحلة 2- تاريخ و توقيت الرحلة 3- سعر الرحلة 4- كيفيه وصولكم للمكان 5- ما يحتاج الجميع لاحضاره 6- قائمه بالقواعد التي يجب اتباعها يوم الرحلة



. ملحوظة : إذا كان لديك مجموعة من الأشخاص يقومون بحل مشكلة ما فخصص لكل شخص قسمًا واحدًا

مثال 2: برنامج الورد لا يعمل

تاكد من توصيل لوحه المفاتيح – اعد تشغيل جهازك – حاول كتابه بعض الحروف علي برنامج الورد جرب توصيل لوحه مفاتيح اخرى استعن بمعلمك لحل المشكلة

Lesson 3

Presenting information to others



Digital tools to present information

To create a digital poster or billboard, you will need to use software such as Microsoft 365 which includes:

PowerPoint®

Word®

Publisher ®







To access Microsoft 365's bundle

- * You need to have a digital device that supports the software
- * You need to update your computer to handle the software

الادوات الرقميه المطلوبه لعرض المعلومات

لكي تقوم <mark>بانشاء ملصق</mark> رقمي او لوحه اعلانيه ستحتاج الي برنامج ميكروسوفت 365 الذ*ي* يتضمن برنامج العروض التقديميه و برنامج الورد و <mark>ب</mark>رنامج النشر المكتبى

للوصول الي <mark>حزمه ميكروسوفت 365 ستحتاج الي جهاز رقمي يدعم</mark> البرنامج و تحتاج الي تحديث الكمبيوتر الخا<mark>ص بك لكي يستطيع التعامل مع</mark> البر<mark>نامج</mark>

Digital concepts to consider when creating your poster or billboard

▶ Margins

A margin is the space left around the edges of your poster or billboard.

A 25mm margin will help design a good poster

It's important not to crowd the edge of a poster or billboard.

If you include content too close to the edge
it will appear cramped - not visually appealing - overwhelm the viewer.

المفاهيم الرقمية التي يجب اعتبارها عند انشاء الملصق او اللوحة الإعلانية الخاصة بك

الهوامش : هي مساحه المتروكة حول حواف الملصق او اللوحة الإعلانية

هامش 25 ميلليمتر يساعدك على تصميم ملصق جيد

من المهم ترك هذه المساحة فارغه , اذا اضفت محتوي قريبا من الاطراف سيبدو الملصق مكتظا – غير جذاب –المشاهد يشعر و كانه مزدحم بالمعلومات





Font size and type

- * Choose a font size that is easy to read
- Small font size → your audience will have to strain to read the information.
- Too big font size → you'll have to limit the amount of information.
- Complicated or decorative font → distracting and hard to read
- ** Simple is better **

Colors

- * Use bold colors for information you want to emphasize
- * Choose colors that get your message across (not more than 3 colors)
- * Choose color combinations that match (take into consideration the color of the background when choosing the font color)

Images

- It's common to use images on posters or billboards.
- Use clear, good-quality, and appropriate images in terms of the content

To take a good photo

Focus on the subject of your photo

Pay attention to the background

enough light to see your subject

حجم و نوع الخط:

عليك اختيار حجم خط من السهل قراءته

إذا اخترت حجم خط صغير، فسيتعين على جمهور<mark>ك أن يب</mark>ذل جهد لقراءة المعلومات.

إذا اخترت حجم خط أكبر من اللازم، فسيتعبن عليك تحديد كمية المعلومات.

، البسيط هو الأفضل: الخط المعقد أو المزخرف يشتت الانتباه ويصعب قراءته.

وان:

استخدم الالوان الغامقه للمعلومات التي تريد التركيز عليها

اختار الالوان التي توصل رسالتك (على الاكثر تلات الوان)

اختر مجموعه الوان متناسقه – راعي لون الخلفيه عند اختيار لون الخط

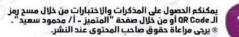
الصور:

من الشائع استخدام الصور على الملصقات أو اللوحات الإعلانية .

. استخدم صورًا واضحة وجيدة الجودة ومناسبة للمحتوي

لكي تلتقط صوره واضحه ركز على موضوع ورتك – انتبه الي الخلفيه – استخدم ضوء كافي لرؤيه موضوعك







Algorithms

- -An algorithm is a series of steps that explain how to do a task.
- Computers and applications use algorithms to perform specific tasks.



when you type keywords into a search engine

- -the search engine takes steps
- -Search engines use algorithms to provide relevant results to you
- If you are using a search engine to find directions to a place it will use a database of names and information from digital maps to provide you the results



When you make a meal (falafel sandwitch) you follow a recipe which includes a set of instructions to make that meal.



(Gather the ingredients < Place pita bread on the plate < Open the pita bread < Place and Smash the falafel balls < Add tahini and salad) this is an algorithm

When you clean your room (clean the dust < wipe flat surfaces < clean the floor) this is an algorithm









الخوارزمية عبارة عن سلسلة من الخطوات التي تشرح كيفية القيام بمهمة ما. تستخدم أجهزة الكمبيوتر والتطبيقات الخوارزميات لأداء مهام محددة.

عندما تكتب كلمات رئيسية في محرك بحث،يقوم محرك البحث بعده خطوات محرك البحث يستخدم الخوارزميات للحصول على النتائج الأكثر ملاءمة لك

مثال 1: إذا كنت تستخدم محرك بحث للعثور على الاتجاهات إلى مكان ما، فسوف يستخدم قاعدة بيانات للأسماء والمعلومات من الخرائط الرقمية لتزويدك بالنتائج.

مثال 2 :عندما تقوم بإعداد وجبة، فإنك تتبع الوصفة، التي تتضمن مجموعة من التعليمات لإعداد تلك الوجبة هذه هي الخوارزمية



مثال 3 :عندما تقوم بتنظيف غرفتك، هذه هي الخوارزمية

مثال 4: عندما تعطى التوجيهات فإنك تستخدم أيضًا خوارزمية:

مثال 5 عندما تقوم بحل مساله لفظيه في حصه الرياضيات انت تقسم المسااله و تقوم بحلها على عده خطوات فإنك تستخدم أيضًا خوارزمية

Lesson 6

The principles of coding



Just like people, computers speak different languages.

Coding

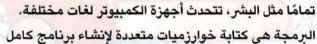
is the writing of multiple algorithms to make a complete program.



- You can create animations, movies, and games using code.
- -There are many websites like Code.org that can help you learn to code using different coding languages.

Creating mazes on Code.org

- You can create a maze and provided instructions to solve it
- Instructions for a maze are like instructions in computer programs
- the steps to get through the maze contain the number of spaces, and direction.
- Mazes are just one example of things you can create using coding.
- A flowchart is like coding in that it represents a problem in logical, simple steps



. يمكنك إنشاء رسوم متحركة وأفلام وألعا<mark>ب باستخدام ال</mark>برمجه.

هناك العديد من المواقع يمكنها ان تساعدك علي تعلم البرمجه باستخدام لغات البرمجه المختلفه انشاء متاهه على موقع code.org

يمكنك انشاء متاهه ووضع تعليمات لحلها. تعليمات المتاهه تشبه تعليمات برامج الكمبيوتر

الخطوات التي تتبعها العبور المتاهه تحتوي علي المسافات و في اي اتجاه

المتاهات هي مجرد مثال واحد على الأشياء التي يمكنك إنشاؤها باستخدام البرمجة.

المخطط الانسيابي يشبه عملية البرمجة في كونه يعرض مشكلة ما على هيئة خطوات منطقية بسيطة.



Graphic art

It's easy to create your own drawings or edit images on computers

Microsoft Paint

A popular graphics editor is Microsoft Paint.

How to open Microsoft paint

- > click on Start- up menu
- > click on "Accessories"
- > click on paint

When you open Microsof paint

the top of the screen is like Word and Excel
 And it includes: -



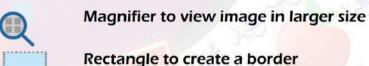
1- Menu Bar:

includes options for opening and saving files and editing colors and images.

2- Tool Box:

includes all the tools that you will need to make your drawing







Straight line or curved line

Select area of photo

من السهل إنشاء رسوماتك الخاصة أو تحرير الصور على أجهزة الكمبيوتر أحد برامج تحرير الرسومات الشائعة هو برنامج الرسام كيفيه فتح برنامج الرسام: اضغط علي قائما ابدا ثم الملحقات ثم اختار برنامج الرسام عند فتح برنامج الرسام الجزء الغلوي من الشاشه يشبه برنامج word – excel بداخل برنامج الرسام يوجد شريط قوائم و مربع ادوات:- يتضمن شريط القائمة خيارات لفتح الملفات وحفظها. و تحرير الالوان و الصور . يتضمن صندوق الأدوات جميع الأدوات التي ستحتاجها لرسمك.





Editing photos in paint

You can edit photos in Paint.

- 1- You can fill colors using the color options
- 2- You can select areas of the photo to use in your drawing by cropping.
- 3- You can change the size or direction of the photo
- 4- You can add text to a photo
 - click on the bottom right corner of the photo
 - drag your mouse to the right until you have enough white space to write text
 - cut and paste the text from the area and onto the photo

Creating a graphic by grafic tools

Microsoft Word also offers graphic tools to create a graphic

Click on the insert menu bar



يمكنك تحرير الصور في الرسام. تستطيع تعبئة الألوان باستخدام خيارات الألوان

يمكنك ت<mark>حديد جزء مع</mark>ين من الصوره لاستخدامها في الرسم عن طريق الاقتصاص – يمكنك تغيير حجم ا<mark>لصوره و اتجاهها</mark> يمكنك اض<mark>افه نص إلى ا</mark>لصورة، انقر على طر<mark>ف الصور</mark>ه السفلى الأيمن ثم اسحب الماوس إلى اليمين حتى يكون لديك مساحة بيضاء كافية لكتابة النص. قم بقص النص ولصقه على الصورة

انشاء رسومات باستخدام ادوات الرسم مثل الإيقونات - الاشكال الذكية - نماذج ثلاثية الابعاد

Lesson 8

Creating a PowerPoint presentation



Microsoft PowerPoint

Microsoft PowerPoint used to create presentations that include:

text animations images special effects

Slide

is a presentation page that contains text and images

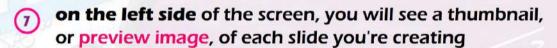
يستخدم البرنامج لإنشاء عروض تقديمية تشتمل على نصوص ورسوم متحركة وصور ومؤثرات خاصة الشريحة هي صفحة عرض تقديمي تحتوي على نص وصور





To create a presentation using PowerPoint

- click on the PowerPoint
- click on blank Presentation
- (3) you will see a slide that will instruct you to click on
- 4 the first slide to name the title and subtitle of your presentation, in the subtitle box, you can write your name
- 5 click new slide to add another slide to your presentation.
- click the layout icon on the Home menu to choose the layout of each slide









سترشدك إلى النقر وكتابة العنوان.



لإنشاء عرض تقديمي باستخدام ال Power point اضغط علي أيقونه البرنامج ثم اضغط علي عرض تقديمي فارغ سترى شريحة

الشريحة الأولى لتسمية العنوان والعنوان الفرعي لعرضك التقديمي. في مربع العنوان الفرعى يمكنك أيضًا تضمن اسمك.

انقر فوق شريحة جديدة لإضافة شريحة أخرى إلى العرض التقديمي الخاص بك.

لاختيار تخطيط كل شريحة، انقر فوق أيقونة التخطيط في القائمة الرئيسية.

علي الجا<mark>نب الايسر من</mark> الشاشة ستري صور<mark>ه مصغره او صوره معينه لكل شريحه تقوم بأنشائها</mark>

- * At the top of the screen, you will see a menu bar with multiple tabs.
- * Each tab contains a set of tools that you can use to create your presentation.

Adding visuals and effects:

PowerPoint includes numerous visual tools to help make your presentation stand out.

Design

Choose design options for each slide, including background color.

Transitions

Choose a visual effect to use between each slide

Draw

Access drawing tools

Animations

Choose animated effects for each slide

► Slide show

Decide how you'd like to present and time each slide.

You can view the presentation by clicking the "view show" icon or by clicking the F5 key on the keyboard.



في الجزء العلوي من الشاشة، سترى شريط قوائم يحتوي على علامات تبويب متعددة.

تحتوى كل علامة تبويب على مجموعة من الأدوات التي يمكنك استخدامها لإنشاء العرض التقديمي الخاص بك إضافة مرئيات وتأثيرات: يتضمن برنامج PowerPoint العديد من الأدوات المرئية للمساعدة في إبراز العرض التقديمي الخاص بك .. التصميم اختر خيارات التصميم لكل شريحة بما في ذلك ألوان الخلفية.

الرسم: الوصول إلى أدوات الرسم. الانتقالات: اختر مؤثرًا مرئيا لاستخدامه بين كل شريحة.

تأثيرات الحركة : اختر تأثيرات متحركة لكل شريحة. عرض الشرائح : قرر الطريقة التي تريد بها عرض كل شريحة وتوقيتها كما يمكنك مشاهدة العرض التقديمي بالنقر فوق أيقونة « العرض» أو بالنقر علي F5

To add text

click on the text box choose the font style and size.

When creating your presentation

- Avoid wordy paragraphs or sentences.
- Use a font size and style that is readable
- Use relevant images instead of text whenever possible
- Practice your presentation in advance.
- Be engaging and encourage audience participation

▶To insert pictures

click on Insert, then pictures
Once you choose your image, drag it
with your mouse into the slide



عند إنشاء العرض التقديمي الخاص بك تجنب الفقرات أو الجمل كثيرة الألفاظ - استخدم حجم الخط والنمط الذ<mark>ي يمكن</mark> قراءته - استخدم الصور ذات الصلة بدلاً من النص كلما أمكن ذلك - تد<mark>رب على العر</mark>ض التقديمي الخاص بك مقدما - كن جذابًا وشجع مشاركة الجمهور.







Second term Questions Bank



Ouestion 01

choose the corret answer



- All of the following are considered from the safety using of technology except
 - a booking train tickets
- pay bills through the internet
- share your personal information through social media
- Students must encourage to use technology in way
 - a few

- **b** safety and easy
- **©** badly
- From the rights of digital citizenship
 - Don't copy your
 a digital footprint or shared with others
- Show positive behavior in your communication online
- Be sure that the material you see is safe
- From the responsibilities of digital citizenship
 - You must never commit piracy with the safe contents or share them
- Using the internetwhenever you need
- Share information
 while respecting
 intellectual property
 rights
- 5is a virtual labs platform that enables students and teachers to do lab experiments in an interactive environment.
 - (a) EKB

(b) VLABY

- © Edmodo
- 6is Egypt's premiere online library of resources which include variety of subjects.
 - (a) EKB

(b) VLABY

- © Edmodo
- 7 An outline should include.....
 - An introduction that
 - a introduces the topic of the report
- **b** Unrelated ideas
- **©** Unrelated researches



		72	ود سعید ک
(8)	Sources through soc	ial media platforms are	
	(a) reliable sources	b unreliable sources	© you must follow them
9	If you and your team	n faced a problem, to solve it	- 10 m
	assign each person section of it	only you solve the problem	assign the problem to one of them
10)	To facilitate solve a l	oig problem	
7	a problem into small section	The state of the s	assign one solve
11)	When creating a pos	ster or billboard be sure to cl	hoose
0	small font size	b complicated font size	suitable font size and type
12)	To use images in the	billboard it must be	
	appropriate images and sizes	b not clear images	bad quality images
13)	You can type multip	le algorithms to create a con	nplete program by
	a programming	b screen	© mouse
14)	The progra	m can re <mark>co</mark> gnize if the word	ls typed correc <mark>tly or no</mark> t
	(a) word	b photoshop	© excel
15)	The program i	s one of the famous <mark>progran</mark>	ns in editing images
	Paint	(b) Word	© Facebook
16)	The program uspecial effects.	ised to create presentations	that include text and
	PowerPoint	b Word	© Facebook
	uestion 02 put	(true) or (false)	قالسان المسئلة



3	You can pay for your bills like water and electricity bills using apps through the internet	(()
4	Students must encourage to deal with technology in safety and easy way	()
5	You cannot book tickets for trains, buses and planes through the internet.	())
6	Using technology in a positive way help people to become good digital citizen	(4)
7	Digital citizenship is the ability to use digital technology ethically, responsibly, and safely.	()
8	Digital footprint is a record of what you do online	()
9	Protect yourself from piracy isn't considered important.	()
10	You have the right to use the internet when you need or want to, according to law.	(2)
11)	You must commit piracy with the protected content, share them and sell to others.	5	D)
12	You must credit the resources when sharing an entertainment online.	()
13)	To join a conversation, you must click on the link provided and wait for accept access from the one who the start the meet	()
14)	Online learning environments like Edmodo doesn't allow teachers and students to communicate	D ()
15	The person in charge of the call can mute others people's microphone	()
16)	Online learning environments like Edmodo can provide virtual lessons.	()
17	If your camera is on so anyone who is on the call will be able to see you	(-)
18)	Egyptian knowledge bank is considered one from the online learning materials via the internet	()
19	Planning before conducting a digital search will help you focus on the information you're trying to gather	()
20	During conducting a digital search, you must mention the source of information in your notes to credit it	()
21	The digital search can include sources like audio, video, and image	-()
22	Reliable sources are articles or information written and verified by experts.	()
23	The information used in digital researches must be reliable	()
24)	You must be careful when taken information through social media platforms	()
(25)	A hypothesis is an educated guess about how things work	(0)



26	You must break down the problem into small section to solve them in steps	(5)
27)	Hypothesis is an attempt to answer your question with an explanation that can be tested.	()
28	To solve a big problem, you can solve the small parts of it step by step.	6)
29	You mustn't conduct any test which is not safe when test the hypothesis	9)
30	You must assign to each person in the group a section of the problem to solve it	()
31)	You must be sure that your computer is updated to download Microsoft office 365 bundle	()
32	Be sure to choose a font size to your poster or billboard that is easy to read.	36)
33	A margin is the space left around the edges of your poster or billboard.	(2)
34	Choice a complicated font size in the poster makes it easy to read	()
35)	When making a poster or billboard you must be sure that the audience will be able to easily see your information	()
36)	Images should be suitable in sense terms of the content you are sharing	6)
37	Computers and applications need algorithms to work	()
38)	Coding is used in animation, movies and online games you have played.	6	7)
39	Word processing program verifies that the words you type is correct	()
40	Coding is the writing of multiple algorithms to make a complete program	()
41)	Code.org can help you learn to code using different coding languages	()
42	Paint program is one of the famous programs used in editing images	()
43	Microsoft PowerPoint used to create presentations that include text and special effects.	()
44	Microsoft paint allows design image and save it	(9)
45	The slide is a presentation page that contains text and images	()
46	The toolbox includes all the tools that you will need to make your drawing.	(8	5)
47)	Microsoft PowerPoint allows you to insert new slide to your presentation) ()
48	Coding (programming) is used in animations and online games you	(0)





- "	Question 01 cho	ose 1	the corret answe	r	المتيانية المتيا
)	EKB website contain fingertips.			on tha	t is now at everyone
7	(a) little	(b)	part	0	wealth
)	booking tickets throu	gh			lue to the possibility
	(a) travel companies	(b)	the internet	0	booking offices
)				ti	ckets easily through
	website by clicking or walking	your (b)		(0)	purchasing
1	Using technology in a	_	909		
,	citizens.		trely cell the per		
	(a) harmful	b	positive	0	wrong
)	Stay safe online by ch	oosina	vou visit wisel		
0		_		_	30 0
	(a) websites	(b)	The second second	(6)	locations
)	It's important to use t	echno			<i>i</i>
	a quickly	•	badly	(c)	ethically, responsibly
)	Someone tracks your That's means follow y		ises on different soc	lai net	working sites
	Digital footprint	(b)	digital piracy	0	assumptions
1		se dig	ital technology ethi	cally, r	•
	a digital technology	(b)		0	digital footprint
0	Stay safe online by	Ā	b gran	10	CHO CHAND
)	C using undated	0	sitting strong	0	5 2
	software	(b)	password	(6)	both of them
)	Achieving		AL.	d dutie	es de la company
	digital citizenship	b	digital footprint	(c)	digital piracy
)	Piracy is thecircula	ation o	of content to be share	red or	sold to others.
J.	(a) illegal	(b)	Footprint	©	Legal

13	It's important to sha	re ir	formation about y	ourse	If and others safely
	(a) strongly	(b)	slowly	0	responsibly
(14)	Stay safe online by	20	3 J. D.		b By
O	a sharing your information	b	Setting strong password	0	hacking
(15)	is useful whe	n you	need an immediate	respo	onse.
	(a) Email	(b)	Asynchronous	©	Synchronous
(16)	You can make video ca	lls w	ith your friends thro	ugh y	our
\sim	a scanner	(b)	mobile phone	0	printer
(17)	Communication that o	ccurs	in real time with ins	stant r	esponses is
<u> </u>	Synchronous	(b)	asynchronous	©	email
18	allows you to watch yo				n via the internet that
	instant messaging	b	email	©	video chat
(19)	The allow you to	com	municate in a group		
O	(a) emails	(b)	chat rooms	_	instant messaging
20	With learning	, par	ticipants can receive	imme	diate feedback
	(a) computer	(b)	asynchronous	0	synchronous
21)	Exchanging information done by using comm			eople	at the same time,
	asynchronous	(b)	synchronous	0	both of them
(22)	IM software is needed	to			
- F	(a) email	(b)	instant message	0	chat rooms
(23)	You can use the intern	et to	communicate	••:	
J.	(a) synchronously	b	asynchronously	•	both (a) & (b)
(24)	allows yo	u to	communicate live		
_	(a) word program	(b)	browser	(c)	video chats
25)	A device with a came make	era a	nd speakers, and a	п арр	lication is needed to
- 6	(a) documents	(b)	emails	0	video chats
(26)	To start a, you	must	create a link and ser	nd it to	o the participants
10	Conservation	(b)	chat room	0	video chat

ICT primary 4 - second term



(27)	In a chat room, some pa	artic	ipants may to	your	message
	(a) click	(b)	reply	0	delete
(28)	To create an EKB accou	nt, ı	use	10	
y_	emails	(b)	instant messaging		
29	On video chats, you shout in public	ould		100	
	a nervous	•	dressed	0	angry
30	The last step for instant			······)	
2	message	_	pressing " send icon	©	delete the message
(31)	To start a call, make sur	_			
	(a) microphone	(P)	camera	(c)	both (a) & (b)
(32)	You can write the title of	of yo		l in th	ne "" field
700	Subject	(p)	From	0	To So
(33)	The person in charge or	fthe	video chat may mut	e pec	ple's
Un	(a) camera	(b)	microphones	0	screen
(34)	To have video chats wit	th yo	our friends you need	a	
	Scanner	b	printer	©	device with camera and speaker
(35)	While you are on a call,	you	can turn off your	at aı	ny time
	(a) camera	(P)	TV	0	door
(36)	Which of the following	site	s c <mark>an</mark> your teacher us	e to	deliver less <mark>ons onli</mark> ne?
50	(a) EKB	(P)	WhatsApp	(0)	Edmodo
37)	Online learning enviror communicate.	nme	nts, likeall	ow te	eachers an <mark>d students</mark> to
YK	(a) Facebook	(P)	games	(0)	Edmodo
38	is a reliab	le di	gital learning r <mark>esour</mark>	ce in	the internet
8	(a) EKB	(b)	face book	©	blog
39	Teachers can provide value learning environments.	virtu	aland uplo	oad q	uizzes through online
	(a) lessons	(b)	games	©	toys
40	Which of the following your friend who want to				
	Mapmaker interactive	(b)	Vlaby	0	EKB
41)	There are multiple onlir different subjects.	ne le	arning that	can h	elp you to learn about
	(a) films	(b)	sources	0	newspaper

(42)	You can send long text	mes	sages over the intern	et th	rough
_	a Interactive map designer	(b)	Email	0	Video chat
(43)	may be full o	f per	sonal opinions and e	even l	ies.
, 10°	Reliable sources	(b)	Unreliable sources	0	EKB
44)	before conduc	cting	a digital search is ve	ry im	portant.
	Sharing	b	Planning	0	Helping
45)	is the most po	pulai	social media platfor	m.	
	(a) Google	b	Facebook	0	Email
46)	Once you find informat	tion f	or your digital sourc	e i	it & B
	(a) evaluate	b	remove	©	delete
47)	Choose the types of onl a digital search.	ine	you will use v	when	you want to conduct
4	(a) classes	b	games	©	sources
48	Facebook, Wiki pages,	and l	blogs are sourc	es.	
	(a) reliable	b	Accurate	0	unreliable
49	Ask your teacher, pa sources to use for your			for a	dvice about which
	a librarian	b	Nurse	0	doctor
50	is an educated	gue	ss about how things	work	The state of the s
9	a Hypothesis	b	Арр	0	Solve problem
(51)	The first step in probler	n sol	ving is		
9	a hypothesis testing	b	Asking your teacher	0	hypothesis building
52	When using ICT tools, y solve	you r	naythat you'll	need	l to think th <mark>rough and</mark>
	a play games	(b)	face problems	0	take photos
53	Which of the following solving easier	ig is	not one of the con	nmon	steps to make problem
6	a Test your hypothesis	(b)	Learn from our mistak	es 💿	ignore the problem
54	To solve a specific prob	lem,	you mustthe p	roblei	m. y
450	(a) leave	b	break down	©	ignore

ICT primary 4 - second term



(55)	You watched your teac to the place designated				
	a hypothesis building	b	hypothesis testing	0	digital footprint
56	You should be careful of during thestep.	700	3. 5. 35 B	AJE J	50 JB
	building	(b)		(0)	data collection
(57)	Construct ais explanation that can b			you	r question with an
_ >	(a) Hypothesis	b	question	©	test
58	Microsoft 365 package	con	tains		
	MS Word	b	Paint	0	Google Chrome
59	To create a poster, you	sho	uld think about		
	(a) margins	b	font size	0	a, b
60	The amount of empty s	pace	e between the edges o	of po	ster is called
	(a) font	b	margin	0	border
61)	If you choose a	font	size, your audience wi	ill ha	ve to strain to read the
	a bold	b	big	0	small
62	A complicated or deco	rativ	e font is and ha	ard to	o read
	a easy	b	distracting	0	simple
63	The small number of co	olors	used inside th <mark>e poste</mark>	r ma	kes it
	(a) distracting	b	striking	0	overwhel <mark>ming</mark>
64)	should be used i	nap	ooster or billboard not	mor	e B
	a 3 colors	b	5 colors	0	4 colors
65)	If you use font size	ze, y	ou will have to limit th	ie an	nount of information
	(a) small	b	too big	0	suitable
66)	includes differe Word, and Publisher.	nt o	ptions to choose fro	m, s	uch as PowerPoint,
	Microsoft 365	b	Google	0	Facebook

ICT primary 4 - second term



(67)	A search engine decide	es wh	ich results are more	releva	ant to a user
	a randomly selecting results	b	using directions	0	using an algorithm
(68)	When you clean your r	oom,	the first step in the	algori	thm is
\sim	a organize your room	b	clean the dust	0	clean the floor
(69)	An example of using an	n alge	orithm in school is	J12	
_	a to solve a math problem	b	follow a recipe	•	reading a book
(70)	A recipe is				
	instructions used to make a meal	в	a map of a place	©	a search engine
(71)	is a series of steps	that	explain how to do a	task.	
_	algorithm	b	introduction	0	conclusion
(72)	is writing multi	ple al	gorithms to create a	com	olete program.
$\overline{}$	(a) Windows	b	Coding	©	Paint
(73)	You can create	. usir	ng code.		
	a only movies	в	Animations, movies, games	©	only games
(74)	When creating a maze.		to solve it.		
_	a sites	b	instructions	©	application
(75)	You can create mazes t	hrou	gh		
)	(a) Code.org	b	Movies	©	Google play
(76)	You can create animati	ons,	movies and gam <mark>es u</mark>	sing .	- 15 July 1
	(a) Excel	b	coding	0	Word
78)	A website that helps yo	ou lea	arn to code using dif	feren	t coding languages
	(a) Code.org	b	games.com	0	film.net
80	By using you o	an fi	Il colors in paint.		
0	(a) the color options	(b)	shape option	•	text formatting



81)	to add anothe	er slide	to your presentatio	n			
<u> </u>	Click Slide Show	(b)	Click New Slide	0	Click on Transla	tion	
82)	Ais a presenta	ation pa	age that contains ye	our tex	t and images		
O	a slide	(b)	sheet	0	cell		
83	To add images in th	e prese	ntation, press the	ta	ıb. 🎉 🚜		
5	Design	(b)	Insert	0	Slide Show		
84	You can run your Po key.	werPoi	nt presentation thro	ough t	he from the keyb	oard	1.
	(a) F3	(b)	F4	©	F5		
	Charles and the control of the contr	2 /2				tui l	
Q	uestion 02 pu	ıt " tru	ie " or " false "		المطالحة	المحا	
0	filmmaker.		ral anthropologist,			(4)
2			e convenient by bo			()
3	Paying bills has b	ecome	hard by using digit	al tool	s and apps	(5)
4	You don't have the	ne right	to engage with ot	hers or	nline	()
5	You must respect	the lav	v, while using the i	nterne	t. 5	()
6	You can copy cor	ntent w	ithout the pe <mark>rmissi</mark>	on of t	he owner	()
0	Skype is a synchr	onous	communicatio <mark>n me</mark>	dium		()
8	Tools needed for application.	emails	are internet brows	er or a	n email	()
9	You can use the i	nterne	t to communicate sy	nchro	nously only	()
10	Sending an emai	l is cons	sidered synchronou	s com	munication	()
11	The person, who	initiate	d the call, can make	e you "	let in" in the call.	()
12	Email should con	tain gr	ammar mistakes be	fore yo	ou send it.	((
13)	Anyone can ente	r the vi	deo chat without n	eeding	permission	()
0	9	_ ! s :	to the	37	TO SEPTI	1	21

15)	You can turn the microphone and camera on or off during video chat .	(2)
16	Edmodo platform enables teachers to deliver lessons online.	()
17	Planning before conducting any digital research is not important	()
18	Facebook, Wiki and blogs are non-reliable sources	()
19	Choosing your topic is the last step of conducting a digital search.	()
20	In your daily life, you don't face any problems when using ICT tools	(1)
21	The first step in problem solving is hypothesis testing.	()
22	Conducting unsafe tests is okay in problem-solving	()
23	Failing a test can be a learning opportunity.	()
24	When organizing a class trip, you do not need to decide on a destination	()
25	Microsoft 365's bundle includes PowerPoint, Zoom, WhatsApp	()
26	More decorative fonts in your poster are not preferable when making it.	()
27	When choosing colors for a poster, it is better to use more than 5 colors.	-()
28	While creating a poster, it is preferable to choose a too large font.	()
29	It's necessary to have good-quality images on posters or billboards	(5)
30	Recipes are a type of algorithm	()
31)	Search engines use algorithms to provide results	(2)
32	Search engines do not help users gather information online.	()
33	An algorithm is a series of steps that explain how to do a task	()
34	You can't create mazes on Code.org.	()
35	You can use coding to identify the paths needed to get out of a maze.	-()
36	Mazes are an example of things you create using coding.	()
37	Computers, like humans, use different languages.	()
38	The video games that you play online were made by coding.	()
39	In Paint, you can only edit photos by changing their color.	()
40	Microsoft Paint allows you to change the size or direction of the photo.	(2)
(41)	MS Paint is considered a popular graphics editor	(



The brush tool is used in Paint to enla	rge parts of the image.	()
Smart Art is not a graphic tool availab	le in Word.	()
In Paint, you can add text to an image	. 50 A	()
The menu bar in paint includes option files	for opening, but not saving	1)
The top of the screen in Paint is simila	r to Word and Excel.	()
PowerPoint is used to design presenta	tions with texts only.	(-)
Animations can be added to only one	slide in PowerPoint.	1)
You can choose the font style and size	before typing your text	()
You cannot insert images you cre	eated by Paint into your	()

انتهت الأسئلة مع أطيب الامنيات بالنجاح والتوفيق

جميع أسئلة الشيت أسئلة رسميه (أسئلة التقييمات و أسئلة من امتحانات المحافظات للسنوات السابقة و أسئلة كتاب المدرسة) يمكنكم متابعه الشرح و حل الأسئلة علي قناه اليوتيوب كارتون ساينس ميس اميره

	choose	True - false
Week 1	1-2	1-6
Week 2	3-4	7-12
Week 3	5-6	13-18
Week 4/ week 5	7-8	19-24
Week 6	9-10	25-30
Week 7	11-12	31-36
Week 8	13-14	37-41
Week 9/10	15-16	42-50



Second term Questions Bank



Ouestion 01

choose the corret answer



- All of the following are considered from the safety using of technology except
 - booking train tickets
- pay bills through the internet
- share your personal (c) information through social media
- Students must encourage to use technology in way
 - a few

- safety and easy
- (c) badly
- From the rights of digital citizenship
 - Don't copy your (a) digital footprint or shared with others
- Show positive behavior in your communication online
- Be sure that the material you see is safe
- From the responsibilities of digital citizenship
 - You must never commit piracy with the safe contents or share them
- Using the internet b) whenever you need
- Share information while respecting intellectual property rights
-is a virtual labs platform that enables students and teachers to do lab experiments in an interactive environment.
 - (a) EKB

- (b) VLABY
- Edmodo
- is Egypt's premiere online library of resources which include variety of subjects.
 - (a) EKB

VLABY

- Edmodo
- An outline should include.....
 - An introduction that (a) introduces the topic (b) Unrelated ideas of the report
- Unrelated researches

ICT primary 4 - second term



8 Sources through socia	al media platforms are	
a reliable sources	b <u>unreliable sources</u>	o you must follow them
(9) If you and your team	faced a problem, to solve it	
a assign each person section of it	only you solve the problem	assign the problem to one of them
To facilitate solve a bi	g problem	
breaking down the problem into smaller section	b don't solve it	assign one solve
(1) When creating a post	er or billboard be sure to c	hoose
small font size	b complicated font size	 suitable font size and type
(12) To use images in the b	oillboard it must be	
a appropriate images and sizes	b not clear images	6 bad quality images
(13) You can type multiple	algorithms to create a con	nplete program by
a programming	b screen	© mouse
(14) The program	n can re <mark>co</mark> gnize if the word	ls typed correc <mark>tly or no</mark> t
a word	(b) photoshop	© excel
(15) The program is	one of the famous <mark>progran</mark>	ns in editing images
a Paint	(b) Word	© Facebook
The program us special effects.	ed to create presenta <mark>tions</mark>	that include text and
a <u>PowerPoint</u>	(b) Word	© Facebook
Question 02 put (true) or (false)	المثلق ال
(T) (7)		

Nowadays there is a wealth of information by using EKB website.

You can book tickets to visit many historical and cultural sites through the internet.



ICT primary 4 - second term



You can pay for your bills like water and electricity bills using apps 3 through the internet Students must encourage to deal with technology in safety and easy You cannot book tickets for trains, buses and planes through the internet. Using technology in a positive way help people to become good digital citizen Digital citizenship is the ability to use digital technology ethically, (T) responsibly, and safely. (8) Digital footprint is a record of what you do online Protect yourself from piracy isn't considered important. You have the right to use the internet when you need or want to, (10) according to law. You must commit piracy with the protected content, share them and (11) sell to others. (12) You must credit the resources when sharing an entertainment online. To join a conversation, you must click on the link provided and wait (13) for accept access from the one who the start the meet Online learning environments like Edmodo doesn't allow teachers 14 and students to communicate (15) The person in charge of the call can mute others people's microphone Online learning environments like Edmodo can provide virtual (16) lessons. If your camera is on so anyone who is on the call will be able to see (17) Egyptian knowledge bank is considered one from the online learning (18) materials via the internet Planning before conducting a digital search will help you focus on (19) the information you're trying to gather During conducting a digital search, you must mention the source of 20) information in your notes to credit it (21) The digital search can include sources like audio, video, and image Reliable sources are articles or information written and verified by (22) experts. 23 The information used in digital researches must be reliable You must be careful when taken information through social media 24) platforms (25) A hypothesis is an educated guess about how things work





You must break down the problem into small section to solve them in 26) steps Hypothesis is an attempt to answer your question with an explanation that can be tested. (28) To solve a big problem, you can solve the small parts of it step by step. You mustn't conduct any test which is not safe when test the 29) hypothesis You must assign to each person in the group a section of the problem 30 to solve it You must be sure that your computer is updated to download (31) Microsoft office 365 bundle Be sure to choose a font size to your poster or billboard that is easy to (32) read. A margin is the space left around the edges of your poster or (33) billboard. (34) Choice a complicated font size in the poster makes it easy to read When making a poster or billboard you must be sure that the (35) audience will be able to easily see your information Images should be suitable in sense terms of the content you are (36) sharing (37) Computers and applications need algorithms to work Coding is used in animation, movies and online games you have 38 played. (39) Word processing program verifies that the words you type is correct Coding is the writing of multiple algorithms to make a complete 40 program Code.org can help you learn to code using different coding **41**) languages (42) Paint program is one of the famous programs used in editing images Microsoft PowerPoint used to create presentations that include text **43** and special effects. 44 Microsoft paint allows design image and save it (45) The slide is a presentation page that contains text and images The toolbox includes all the tools that you will need to make your (46) drawing . Microsoft PowerPoint allows you to insert new slide to your (47) presentation Coding (programming) is used in animations and online games you (48) practice via the internet





You must choose appropriate font size for your poster to be easy to read.

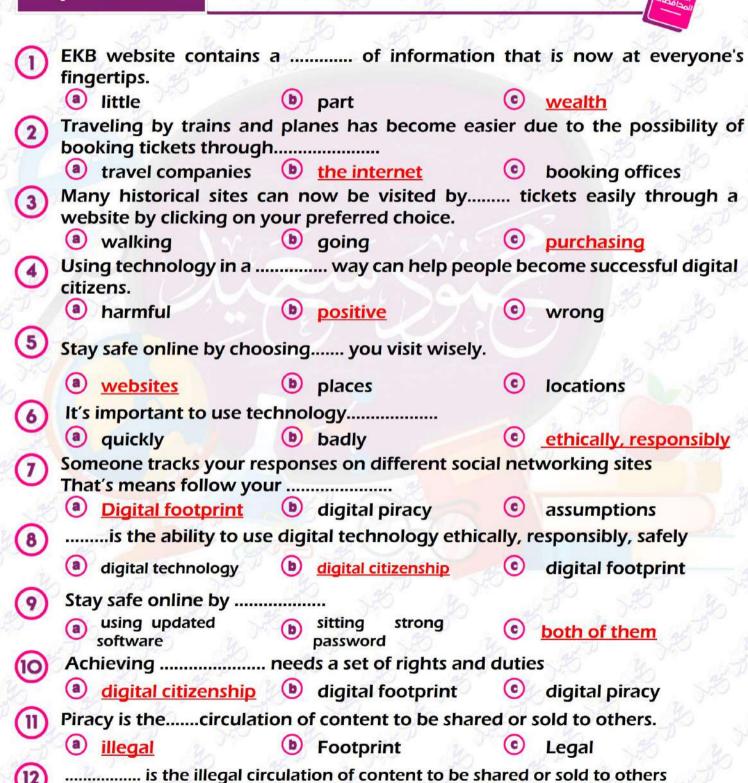


The images should be suitable in terms of the content you are sharing



Question 01

choose the corret answer



b digital footprint



digital citizenship

digital piracy

13)	It's important to shar	re in	formation about y	ourse	If and others safely
	strongly	(b)	slowly	0	responsibly
(14)	Stay safe online by	30	. 3		
	a sharing your information	b	Setting strong password	©	hacking
(15)	is useful when	n you	need an immediate	respo	onse.
	(a) Email	b	Asynchronous	©	Synchronous
(16)	You can make video ca	lls w	ith your friends thro	ugh y	our
	a scanner	(b)	mobile phone	0	printer
(17)	Communication that of	ccurs	in real time with ins	tant r	esponses is
0	a synchronous	_	asynchronous	0	email
18	allows you to watch you				n via the internet that
	(a) instant messaging	b	email	•	video chat
(19)	The allow you to	com	municate in a group		
0	(a) emails	(b)	chat rooms	0	instant messaging
20	Withlearning,	, par	ticipants can receive	imme	ediate feedback
	(a) computer	(b)	asynchronous	0	synchronous
21)	Exchanging information done by using comm			eople	at the same time,
	asynchronous	(b)	synchronous	0	both of them
(22)	IM software is needed	to			
<u> </u>	(a) email	(b)	instant message	0	chat rooms
(23)	You can use the interne	et to	communicate		
) Je	(a) synchronously	(b)	asynchronously	•	both (a) & (b)
(24)	allows you	u to	communicate live		
0	word program	-	browser	•	video chats
25)	A device with a came make	ra a	nd speakers, and a	п арр	
	(a) documents	(b)	emails	0	video chats
(26)	To start a, you i	must	create a link and ser	nd it to	o the participants
	(a) Conservation	(b)	chat room	©	video chat



27	In a chat room, some pa	-	(7)	0	7
	(a) click	(b)	reply	(0)	delete
(28)	To create an EKB accou	nt, ı	ıse		
W.	(a) emails	(b)	instant messaging		
29	On video chats, you shout in public	ould	be properly	100	behave as if you were
ar I	a nervous	(P)	dressed	©	angry
30	The last step for instant				
	writing the message	b	pressing " send icon	©	delete the message
(31)	To start a call, make sur	e yo	ur are on		
	(a) microphone	b	camera	©	both (a) & (b)
(32)	You can write the title of	of yo	ur message via email	in th	ne "" field
7	Subject	b	From	0	To
(33)	The person in charge or	fthe	video chat may mute	e pec	ple's
(M)	a camera	(b)	microphones	0	screen
(34)	To have video chats wit	h yo	our friends you need	a	- 100 m
	Scanner	b	printer	©	device with camera and speaker
(35)	While you are on a call,	you	can turn off your	.at a	ny time
	(a) <u>camera</u>	(b)	TV	0	door
(36)	Which of the following	site	s c <mark>an</mark> your teacher us	e to	deliver les <mark>sons onl</mark> ine?
1	EKB	(b)	WhatsApp	0	<u>Edmodo</u>
37)	Online learning enviror communicate.	nme	nts, like allo	ow te	eachers and students to
	Facebook	(b)	games	0	<u>Edmodo</u>
38	is a reliab	le di	gital learning resourc	e in	the internet
3	(a) EKB	(b)	face book	©	blog
39	Teachers can provide value learning environments.	/irtu	aland uplo	ad q	uizzes through online
4	(a) <u>lessons</u>	(b)	games	0	toys
40	Which of the following your friend who want to				
12	Mapmaker interactive	(b)	<u>Vlaby</u>	0	EKB
41)	There are multiple onlir different subjects.	ie le	arning that o	an h	elp you to learn about
	(a) films	(b)	sources	0	newspaper



(42)	You can send long text	mes	sages over the interi	net th	rough
_	a Interactive map designer	(b)	<u>Email</u>	0	Video chat
(43)	may be full o	f per	sonal opinions and	even l	ies.
JO .	Reliable sources	(b)	Unreliable sources	©	EKB
44)	before conduc	cting	a digital search is ve	ery im	portant.
	Sharing	b	Planning	0	Helping
45)	is the most po	pular	social media platfo	rm.	
	Google	b	<u>Facebook</u>	©	Email
46)	Once you find informat	ion f	or your digital sourc	e i	t B
	a <u>evaluate</u>	b	remove	©	delete
47	Choose the types of onl a digital search.	ine	you will use	when	you want to conduct
9.	(a) classes	b	games	•	sources
48	Facebook, Wiki pages,	and I	blogs aresour	ces.	
	reliable	b	Accurate	©	unreliable
49	Ask your teacher, pa sources to use for your			for a	dvice about which
	a <u>librarian</u>	b	Nurse	0	doctor
50	is an educated	gue	ss about how things	work	yo Just
	a Hypothesis	b	Арр	0	Solve problem
(51)	The first step in probler	n sol	ving is		
9	a hypothesis testing	b	Asking your teacher	0	hypothesis building
52	When using ICT tools, y solve	you r	naythat you'l	l need	to think through and
	a play games	(b)	face problems	0	take photos
53	Which of the following solving easier	ig is	not one of the cor	nmon	steps to make probler
6	Test your hypothesis	(b)	Learn from our mistal	ces 💿	ignore the problem
54	To solve a specific prob	lem,	you mustthe p	roble	m. y
5	(a) leave	b	break down	©	ignore



					M. M
(55)	You watched your teat to the place designate				
	hypothesis building	b	hypothesis testing	©	digital footprint
56	You should be careful during thestep.		300 B	47	5° 500 50
~	building	(b)	hypothesis testing	(data collection
(57)	explanation that can l			you	ir question with an
_ >	a <u>Hypothesis</u>	b	question	0	test
58	Microsoft 365 package	e con	tains		
	a MS Word	b	Paint	©	Google Chrome
59	To create a poster, you	u sho	uld think about		
	margins	(b)	font size	0	a, b
60	The amount of empty	space	e between the edges	of po	ster is called
	(a) font	(b)	<u>margin</u>	0	border
61)	If you choose ainformation	font	size, your audience w	ill ha	ve to strain to read the
	a bold	b	big	0	small
62	A complicated or deco	orativ	e font is and h	ard t	o read
	easy	b	distracting	0	simple
63	The small number of c	olors	used inside the poste	r ma	kes it
	(a) distracting	(b)	striking	0	overwhel <mark>ming</mark>
64)	should be used	in a p	ooster or billboard not	t mor	e b so u
	a 3 colors	(b)	5 colors	0	4 colors
65)	If you use font s	ize, y	ou will have to limit th	ne an	nount of information
	a small	(b)	too big	©	suitable
66	includes differ Word, and Publisher.	ent o	ptions to choose fro	m, s	uch as PowerPoint,
	Microsoft 365	b	Google	0	Facebook



(67)	A search engine decides which results are more relevant to a user							
	a randomly selecting results	b	using directions	0	using an algorithm			
(68)	When you clean your r	oom,	the first step in the	algori	thm is			
_	a organize your room	b	clean the dust	0	clean the floor			
(69)	An example of using a	n alg	orithm in school is	J.				
_	a to solve a math problem	b	follow a recipe	•	reading a book			
(70)	A recipe is							
	a instructions used to make a meal	b	a map of a place	©	a search engine			
(71)	is a series of steps	that	explain how to do a	task.				
	a algorithm	b	introduction	0	conclusion			
(72)is writing multiple algorithms to create a co					olete program.			
7	(a) Windows	b	Coding	©	Paint			
(73)	You can create	usir	ng code.					
	a only movies	b	Animations, movies, games	©	only games			
(74)	When creating a maze		to solve it.					
	a sites	b	instructions	0	application			
(75)	You can create mazes t	hrou	gh					
9	a Code.org	b	Movies	©	Google play			
(76)	You can create animati	ons,	movies and gam <mark>es u</mark>	sing .				
5	(a) Excel	b	coding	©	Word			
78	A website that helps yo	ou lea	arn to code using diff	feren	t coding languages			
	a Code.org	b	games.com	0	film.net			
80	By using you o	an fi	II colors in paint.					
6	a the color options	(b)	shape option	0	text formatting			





(81)	to add a	nother slide t	o your presentati	on		
0	Click Slide S	Show b	Click New Slide	0	Click on Translat	ion
82	A is a pre	esentation pa	age that contains	your tex	t and images	
0	a slide	b	sheet	0	cell	
83	To add images	in the presen	ntation, press the	ta	b. 35	
15	Design	(b)	Insert	0	Slide Show	
84	You can run yo key.	ur PowerPoir	nt presentation th	rough t	he from the keybo	oard.
	(a) F3	b	F4	©	<u>F5</u>	
					Tail at	
(Question 02	put " tru	e " or " false "		المالية	31 31
1	William Tyn filmmaker.	er is a cultur	al anthropologist	, techno	logy expert and	Y
2		ecomes more	e convenient by b	ooking	tickets online	De C
3		has become	hard by using dig	ital tool	s and apps	×
4		ave the right	to engage with o	thers or	nline 🦟 🔼	×
5	You must re	spect the lav	v, while using the	interne	t. H	1
6	You can cop	y content w	ithout the pe <mark>rmiss</mark>	sion of t	he owner	×
7	Skype is a sy	nchronous o	ommunicatio <mark>n m</mark>	edium		~
8	Tools neede application.		are internet brow	ser or a	n email	1
9	You can use	the internet	to communicate	synchro	nously only	×
(0)	Sending an email is considered synchronous communication					
11)	The person,	who initiate	d the call, can ma	ke you "	let in" in the call.	9
12	Email shoul	d contain gra	ammar mistakes b	efore yo	u send it.	×
(13)	Anyone car	enter the vi	deo chat without	needing	permission	×
(14)	Instant mes	saging is a fu	ın. casual wav to d	ommun	icate.	1



			محموده
(5	You can turn the microphone and camera on or off during video chat .	1
0	6	Edmodo platform enables teachers to deliver lessons online.	1
(7	Planning before conducting any digital research is not important	×
	8	Facebook, Wiki and blogs are non-reliable sources	1
0	9	Choosing your topic is the last step of conducting a digital search.	×
	9	In your daily life, you don't face any problems when using ICT tools	×
6		The first step in problem solving is hypothesis testing.	×
(2	2	Conducting unsafe tests is okay in problem-solving	×
(2	3	Failing a test can be a learning opportunity.	~
6	4	When organizing a class trip, you do not need to decide on a destination	×
(2	5	Microsoft 365's bundle includes PowerPoint, Zoom, WhatsApp	×
(2	6	More decorative fonts in your poster are not preferable when making it.	4
	7	When choosing colors for a poster, it is better to use more than 5 colors.	X
	8	While creating a poster, it is preferable to choose a too large font.	×
(2	9	It's necessary to have good-quality images on posters or billboards	1
3	9	Recipes are a type of algorithm	1
(9)	Search engines use algorithms to provide results	1
(3	2	Search engines do not help users gather information online.	×
(3	3	An algorithm is a series of steps that explain how to do a task	4
(3	4	You can't create mazes on Code.org.	×
(3	5	You can use coding to identify the paths needed to get out of a maze.	V
(3	6	Mazes are an example of things you create using coding.	1
(3	7	Computers, like humans, use different languages.	1
(3	8	The video games that you play online were made by coding.	1
(3	8	In Paint, you can only edit photos by changing their color.	×
(4		Microsoft Paint allows you to change the size or direction of the photo.	1
(1	MS Paint is considered a popular graphics editor	1



45



42	The brush tool is used in Paint to enlarge parts of the image.	×
43	Smart Art is not a graphic tool available in Word.	×
44	In Paint, you can add text to an image.	1
45	The menu bar in paint includes option for opening, but not saving files	×
46	The top of the screen in Paint is similar to Word and Excel.	V 7
47	PowerPoint is used to design presentations with texts only.	×
48	Animations can be added to only one slide in PowerPoint.	×
49	You can choose the font style and size before typing your text	V
50	You cannot insert images you created by Paint into your PowerPoint presentation.	×

انتهت الأسئلة مع أطيب الامنيات بالنجاح والتوفيق

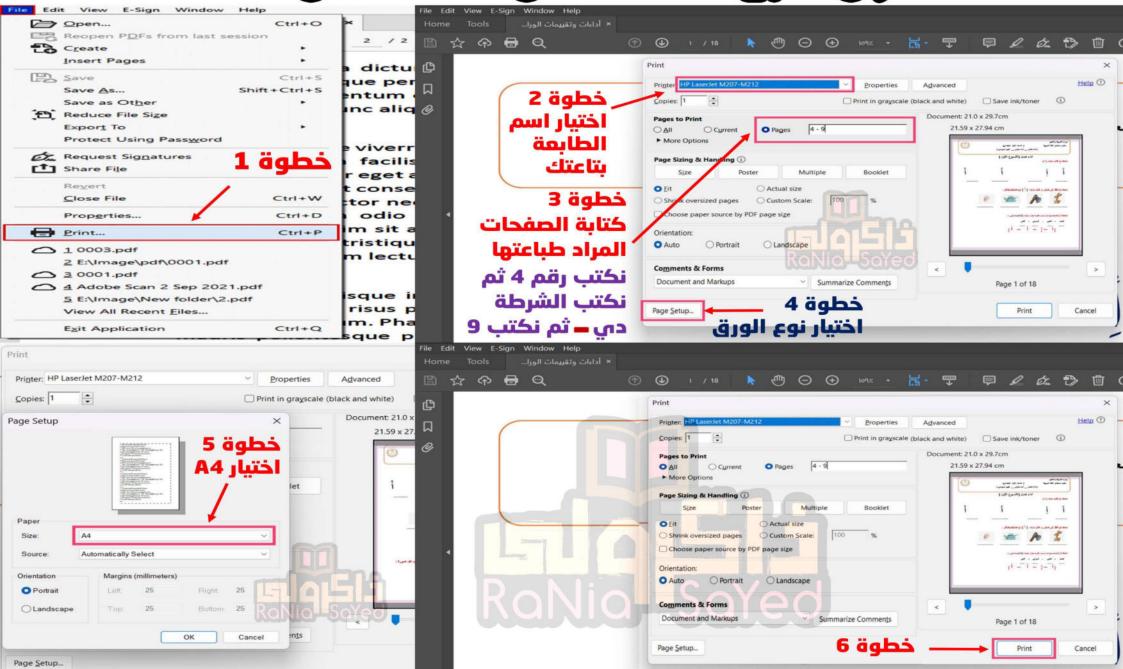
جميع أسئلة الشيت أسئلة رسميه (أسئلة التقييمات و أسئلة من امتحانات المحافظات للسنوات السابقة و أسئلة كتاب المدرسة) يمكنكم متابعه الشرح و حل الأسئلة علي قناه اليوتيوب كارتون ساينس ميس اميره

	choose	True - false
Week 1	1-2	1-6
Week 2	3-4	7-12
Week 3	5-6	13-18
Week 4/ week 5	7-8	19-24
Week 6	9-10	25-30
Week 7	11-12	31-36
Week 8	13-14	37-41
Week 9/10	15-16	42-50



ကြောင်္ကျာပိုက်မျှာတွင်ပြည်တွင်ပြည်လျှင်





المراجعة رقم (2)

الثروالتالي







final Revision

1 Summary

Theme 3

Digital Citizenship

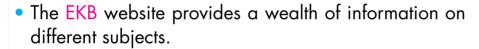


>> William Tyner is a:

- 1 Cultural anthropologist. 2 Technologist. 3 Filmmaker.
- Using technology in a positive way helps people become successful digital citizens.



- Exchange opinions.
 b Build good relationships.
- Travel becomes more convenient /easier by booking tickets online.
- Visiting historical and cultural sites easily by purchasing tickets online.





William Tyner

Egyptian Knowledge Bank بنك المعرفة المصرى

Lesson 2

- Digital Citizenship: It is the ability to use digital technology ethically, responsibly, and safely.
- Digital Footprint: It is a record of what you do online.
- >>> Piracy: It is the illegal circulation of content to be shared or sold to others.

Rights

- No one can copy or share your digital footprint without your consent.
- Engage with others online.
- 3 Provide and access information and entertainment online.
- 4 Use the internet anytime.

Responsibilities

- Never commit piracy for protected content.
- 2 Show positive behavior online.
- Staluate what you're viewing or sharing.
- 4 Evaluate how you're using the internet.



How to be a good digital citizen?

1. Be ethical and responsible

- >> Treat others online with respect.
- >> Credit sources of information.
- Respect intellectual property rights.

2. Stay safe online

- Set strong passwords for your accounts.
- >> Choose websites you visit wisely.
- >> Use updated software.
- Respect the law.
- Monitor online screen time.



Synchronous Communication

- It is exchanging information between people at the same time (simultaneously).
- >> It occurs in real time.
- It involves instant (immediate) response.



- Video chats
- 2 Live television shows
- Instant chat rooms

Asynchronous Communication

- It is exchanging information between people that does not necessarily at the same time.
- >>> It does not require an instant response.



- 1 Sending a file via email.
- 2 Recording educational programs.





1- Synchronous Communication

- 1 Video Chats:
 - They allow you to communicate live with one or more people.
- Instant Messaging (IM):
 - It allows you to send messages using the internet.
 - Messages could include just text, or pictures, or videos...



- 3 Chat Rooms:
 - These allow you to communicate in a group that usually focuses on one particular subject.

2- Asynchronous Communication

- 1 Email: It allows you to send and receive messages.
 - It is more formal than (IM).
- **2** Cell Phone Applications:
 - They run on your mobile device.
 - Some applications are pre-installed on your mobile device.
 - Others need to be downloaded.

Lesson 5

- Making Video Chat:
 - To start a video chat, create a link and send it to the participants.
 - To join a video chat, click the link and wait to be "let in" by the person who started the video chat.
 - You can also mute your microphone or turn off your camera at any time.
 - If your camera is ON, anyone in video chat can see you.
 - Be properly dressed and behave as if in a public place.
- Chat Rooms:
 - You can send messages and reply to others' messages.



- Be properly dressed and behave as if in a public place.
- Anyone who has access to the chat room will be able to read your messages.

3 Instant Messaging:

- After typing your message, the last step is clicking on the "Send" icon.
- Instant messaging is a fun, casual (informal) way to communicate.

4 Email:

 Email is commonly used in more formal situations, such as creating an account on the EKB.



- In the "To:" field, type the email address of your friend.
- In the "Subject" line provide clear information on the title of the email.
- Use greetings and endings.
- You can send an attachment, be sure it is safe and accurate.

Lesson 6

- Online learning environments, such as Edmodo.
- >> They allow teachers and students to communicate.
- Teachers can provide virtual lessons, quizzes, and homework.
- >> Students can message teachers and submit assignments online.
 - Egyptian Knowledge Bank (EKB):
 - It is the first online library in Egypt that contains a variety of resources.



2 Vlaby:

- It is a virtual lab platform.
- It enables students and teachers to do lab experiments.





3 National Geographic Kids:

 A popular online source for kids to find information on a variety of subjects, such as animals, science, history, and geography.



4 Mapmaker Interactive:

- A special interactive feature delivered by National Geographic.
- It provides online mapping tools for students and teachers.
- Mapmaker Interactive is one of the safest sites for research and data collection.



- It's important to plan before conducting a digital search.
 - 1 Choose your search topic.
 - 2 Choose the types of online sources you will use.
 - 3 Evaluate the selected sources.

a Reliable Sources:

- They are pieces of information written and verified by experts.
- The information that is presented in a professional fashion.
- They are well-written, without grammar or spelling mistakes.

b Unreliable Sources:

- The information that is presented in a professional fashion.
- They are information full of opinions, errors, and even lies, such as:
 - Wiki pages

- Blogs
- 3 Social media sites, such as Facebook
- Stay focused on the topic you're researching.
- Credit the sources in your report.
- Finally, write an outline that includes an introduction, supporting paragraphs, and a conclusion.



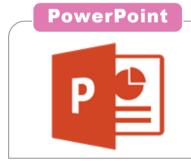


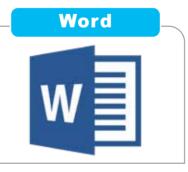


- >> There are common steps that you can take to solve problems:
 - 1 Construct a hypothesis:
 - A hypothesis is an educated guess about how things work.
 - Constructing a hypothesis is an attempt to answer your question with an explanation that can be tested.
 - 2 Test your hypothesis:
 - Do not conduct any tests that are not safe!
 - 3 Check if your test is successful or not:
 - Break down the complex problem into small sections, then solve it step-by-step.
 - If you have a group of people solving a problem, assign each person a section.



Microsoft 365 includes different options, such as







- 1 A margin:
 - It is the space left around the edges of your poster or billboard.
 - A 25-mm margin will help design a good poster.

Summary

2 Font size:

- If you choose a small font size, your audience will strain to read the information.
- If you choose a too-large font size, you'll have to limit the amount of information.

3 Font type:

- Sometimes, simple fonts are better.
- A complicated or decorative font is distracting and hard to read.

4 Colors:

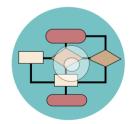
- Choose no more than three colors, when designing a poster.
- Use bold colors for information you want to emphasize.

5 Images:

 Use clear, good-quality, and appropriate images to the content you are sharing.

Lesson 5

- >> Algorithm: It's a series of steps that explain how to do a task.
 - When you make a meal, you follow a recipe, that is a type of algorithm!
 - When you type keywords, the search engine uses algorithms to provide results.
 - Computers and applications use algorithms to perform specific tasks.

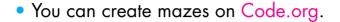


Lesson 6

- >> Coding: It's the writing of multiple algorithms to make a complete program.
 - Online animations, movies, and online games are created using coding!



- Computers, like people, speak different languages.
- There are many websites, like Code.org, that can help you learn to code.







Microsoft Paint: It is a popular graphics editor that will help you create your own drawings or edit images on computers.



- To open Microsoft Paint, click on the Start-up Menu, then Accessories, then click on MS Paint.
- >> The top of the screen is like Word and Excel.
- Menu Bar: It includes options for opening, saving, and editing features.
- >> Toolbox: It includes tools that you need to make your drawing.
- You can cut a part of an image using the cropping tool.
- You can change the size or direction of the photo in MS paint.
- You can fill colors using the color options.
- Microsoft Word also offers graphic tools to create a graphic design.
- Click on the "Insert" menu bar to see the different options, such as: Shape, Icons, 3D Models and Smart Art.







Text

2 Images

3 Animations

4 Special effects



- At the top of the PowerPoint screen, you will see a Menu Bar.
- Use this first slide to name the title and subtitle of your presentation.
- In the subtitle box, you can also include your name.
- >> A slide is a presentation page that contains text and images.
- On the left side of the screen, you will see a thumbnail or preview image of each slide you're creating.
- To choose the layout of each slide, click the "Layout "icon on the "Home" menu.
- Design: It includes background colors.
- >> Draw: It includes drawing tools.
- Transitions: It includes visual effects to use between each slide.
- Animations: It includes animated effects for each slide.
- Slide Show: It makes you decide how you'd like to present and time each slide.
- You can view the presentation by clicking the "View Show" icon or the F5 key on the keyboard.
- Avoid wordy paragraphs or sentences.
- Be sure to use a font size and style that are readable.
- Use relevant images instead of text whenever possible.

final Revision 2 Model Exams

Choose the correct answe	r:
	oresentation through thekey from
the keyboard.	
a. F3 b. F4	c. F5 d. F6
When you prepare a meal, yo	ou follow a recipe; this is considered a/an
a. augmented reality	b. algorithm
c. digital blogging	d. order
The Program is one	of the most famous programs in editing
images.	
a. Paint b. Word	c. Facebook d. Twitter
Margins, font size, type, co	olors, and images are digital concepts
for	
a. designing advertisements	b. collecting data
c. making videos	d. all the previous answers
is the ability to use dig	gital technology ethically, responsibly, and
safely.	
 a. Digital technology 	b. Digital citizenship
c. Digital footprint	d. Digital piracy
The Program is used	d to create presentations that include text
and special effects.	
a. PowerPointb. Word	c. Facebook d. Twitter
All of the following are cons	idered from the safe use of technology,
except	
a. booking train tickets	
b. paying bills through the inte	ernet
c. the Egyptian knowledge ba	ınk (EKB)

d. sharing your personal information through social media



8	Use image	es in the conten	t you are sharing	in the poster.
	a. clear	b. low-quality	c. inappropriate	d. irrelevant
9	To add a new slide i	n the presentati	ion, press the Hom	e tab, then
	a. Insert	•	c. Slide Show	
10	is a fun ar	nd casual way i	to communicate.	
	a. Email	•	b. Instant messag	ing
	c. Data		d. File	
11	is multiple	algorithms use	d to make a comp	lete program.
	a. Algorithm		•	
12	You can select and	l cut certain p	arts of the image	in Paint using the
	•	'	O	Ü
	a. crop tool		b. color fill tool	
	c. brush tool		d. a & b	
13	A/An is a	series of steps	that explain how	to do a task.
	a. algorithm	b. email		
14	Students must be en	couraged to us	se technology in a	/an way.
	a. few	J	b. safe and easy	,
	c. bad		d. annoying	
15	To add an image to	the presentation	on, press the "	" tab.
	a. Slide Show		•	
16	Which of the follow	ving is one of t	he rights of digital	citizenship?
	a. Don't copy your		0	•
	b. Show positive be			_
	c. Be sure to evalue	ate what you're	viewing.	
	d. Be sure that the	material you se	e is safe.	
17	When you're on a v	ideo chat, mak	e sure your	is/are turned on.
	a. camera		b. microphone	
	c. phone		d. both a and b	
18	A is a pre	sentation page	that contains your	text and images.
	a. billboard	b. slide	c. sheet	d. cell



jes, and blogs	are sour	ces.
b. accurate	c. unreliable	d. trusted
y space betwe	en the edges of a	poster is called the
	b. margin	
	d. border	
ommit piracy v	with the safe conte	
	ting intellectual pro	pperty rights.
b. Planning	c. Helping	d. Researching
ecord of what	you do online inc	luding the sites you
	b. digital system	
	d. digital citizens	hip
, you must cre	ate a link and send	it to the participants.
	b. chat room	
	d. email	
es all tools that	you will need to n	nake your drawing.
b. Color	c. Toolbox	d. Word
lude an introd	uction that introdu	ces the topic of the
	b. Unreliable sou	rces
	d. An outline	
ations, movies	s, and games using)
b. coding	c. Word	d. Google
a wo	ay can help people	e become successful
b. harmful	c. bad	d. neutral
	b. accurate y space between ng is one of the ommit piracy we whenever you in while respect ers online. ducting a digit b. Planning ecord of what b. Color lude an introd ations, movies b. coding a	d. border ng is one of the responsibilities of ommit piracy with the safe content whenever you need. In while respecting intellectual propers online. ducting a digital search is very in the bound of the propers online of the cord of what you do online incomplete of the cord of what you do online incomplete of the cord of what you do online incomplete of the cord of what you will need to recomplete of the cord of the cor

29	is a virtual labs platform	that enables students and teachers to
	do lab experiments in an interactiv	ve environment.
	a. Egyptian Knowledge bank (EKI	3)
	b. National Geographic Kids	
	c. Vlaby	
	d. Edmodo	
30	The first step in problem solving is	
	a. hypothesis testing	b. asking your teacher
	c. hypothesis building	d. none of the previous answers
31	· ·	for the information you want to
	emphasize.	
	a. small font size	b. bold colors
	c. tiny font	d. a & c
32	• ,	s become easier due to the possibility
	of booking tickets through	
	a. travel companies	b. the internet
	c. booking offices	d. Facebook
33	***	ne library of resources that include o
	variety of subjects.	
	a. Egyptian Knowledge Bank (EKI	3)
	b. National Geographic Kids	
	c. Vlaby d. Edmodo	
34	•	re that the keyboard cable is connected
		means that he is taking the
	step.	h hypothosis tosting
	a. hypothesis buildingc. digital footprint	b. hypothesis testingd. a and b
25	•	
33	a. Reliable sources	ution written and verified by experts. b. Communication
	W. Kellable 3001CE3	V. Commonication

d. Video chats

c. Chat rooms



36	To present your ide	•		•
	sound and movemen	nt, you need to	use the	program.
	a. MS Word		b. Paint	
	c. PowerPoint		d. MS Excel	
37	Which of the following to your friend who was point of water?	•	•	•
	a. Mapmaker Interd	active	b. Vlaby	
	c. EKB		d. YouTube	
38	is an attem	npt to answer y	our question with	an explanation that
	a. Hypothesis build	ina	b. Hypothesis tes	tina
	c. Solving problems	•	d. None of the p	· ·
30	When you conduct of		•	
37	a. unreliable inform	•	i, your outilite mos	i include
	b. an introduction to	o the research	topic	
	c. details far from the	ne research top	oic	
	d. all the previous o	answers		
40	may be ful	ll of personal o	pinions and even	lies.
	a. Reliable sources		b. Unreliable sou	rces
	c. EKB		d. Vlaby	
41	is one of the	ne reliable digi	tal learning resour	rces via the internet.
	a. The Egyptian Kno	owledge Bank	b. WhatsApp	
	c. Facebook		d. Blog	
42	is the most	popular socia	l media platform.	
	a. Wiki	b. Facebook	c. Google	d. Email
43	Sources found through	gh social medi	a platforms	
	a. are reliable source	ces	b. are unreliable	sources
	c. must be followed		d. are important	resources
44	Microsofti	is a popular gr	aphics editor.	
	a. Word	b. Excel	c. Paint	d. Facebook

45	A/An is a	n educated gu	ess about how thir	ngs work.
	a. algorithm	b. maze	c. hypothesis	d. test
46	are a set o	of arranged ste	eps to solve a prob	olem.
	a. Search engines		b. Algorithms	
	c. Keywords		d. Sentences	
47	is an onli	ine learning e	environment that c	ıllows teachers and
	students to commun	icate.		
	a. Vlaby	b. Edmodo	c. Mapmaker	d. Facebook
48	Using the		oint, we can choc	ose a visual effect to
	use between each s	lide.		
	a. Draw		b. Slide Show	
	c. Transition	C L L C	d. Design	
49	The top of the scree			
	a. MS Word			
50	You must encourage	students to us		•
	a. few		b. safe and easy	
	c. bad	.	d. annoying	
51	is a form o			
	allows you to watch	•		
	a. Instant messaginc. Video chat	9	b. Email d. SMS	
EO		امامه	_	مر دادا د د
3 Z	To solve a specific p a. leave	problem, you m	b. break down	problem.
	c. prepare		d. ignore	
52	You can write the tit	lo of your moss	•	ho '' '' fiold
<u> </u>	a. Subject		c. To	d. Body
<u>54</u>	To solve a problem	that you and y	our team face,	
	a. assign each pers	-	_	
	b. assign the proble	em to one of th	nem	
	c. only you solve th	e problem		
	d. keep the probler	n without solvi	ng	



55 To tacilitate solving a big problem	
 a. break it down into smaller section 	ions
b. don't solve it	
c. don't assign the roles to your te	am members
d. assign one solution	
56 It is common to use in mo	ore formal situations.
a. emails	b. instant messaging
c. chat rooms	d. SMS
57 Asynchronous communication doe	•
a. an instant response	b. a web browser
c. the internet	d. none of the previous answers
58 When you create a poster or billb	oard, be sure to
 a. choose a small font size 	
 b. choose a complicated font size 	
c. choose too big font size	
d. choose suitable font size and ty	/ре
59 To use images in a billboard, they	must be
 a. appropriate images and sizes 	b. unclear images
c. very small images	d. bad-quality images
60 You can type multiple algorithms	s to create a complete program by
a. programming (coding)	b. a screen
c. a keyboard	d. a mouse
61 The process of communicating at t	he same time is known as
 a. synchronous communication 	b. asynchronous communication
c. paper communication	d. email
62 To prepare a good presentation, y	ou have to
 a. link the images in the presentat 	ion to the topic
b. add untrusted opinions and inf	ormation to the presentation
c. add too many fonts and colors	to the presentation
d. use only one font	



63	You should be care	ful when solving	g problems that m	ay pose a risk to you
	during the	step.		
	a. hypothesis build	ling	b. hypothesis te	sting
	c. data collection		d. reporting	
64	The Progr	am can recogn	nize if the words o	are typed correctly or
	not.			
	a. Word	b. Photoshop	c. Excel	d. Flash
65	The tab in	ncludes animate	ed effects for each	n slide.
	a. Transition	b. Animation	c. Design	d. Review
66	The last step for ins	tant messaging	ı is	
	a. writing the mess	sage	b. pressing the	"Send" icon
	c. pressing the "Co	ntact List" icon	d. deleting the r	nessage
67	While operating th	ne computer, l	found that it was	s not responding, so
	I guessed that there	e was a malfui	nction in the pow	er key. This guess is
	called a			
	a. hypothesis		b. digital citizer	nship
	c. digital footprint		d. test	
68	You should use the	first slide to na	me the	of your presentation.
	a. title	b. subtitle	c. both a & b	d. conclusion
69	You can use the gro	aphic tools in V	Vord through the	menu.
	a. File	b. View	c. Insert	d. Home
70	Which of the follow	ving is consider	red an algorithm?	
	a. Walking in the p	oark	b. A recipe for i	making a cake
	c. Eating breakfast		d. None of the I	orevious answers
71	, like peop	ole, speak diffe	rent languages.	
	a. Cars	b. Animals	c. Rocks	d. Computers
<mark>72</mark>	An algorithm is a/a	an to	do a task.	
	a. series of steps	b. software	c. application	d. hardware
73	The first step an exp	olorer takes is .	the topic	. .
	a. organizing		b. analyzing	
	c. researching		d. visualizing	



74 If you add content very close to t	he edges, the poster or billboard will be
a. cramped	b. overwhelming
c. not appealing	d. all the previous answers
75 When designing a poster, some	times, fonts are better.
	c. complicated d. a & c
76is/are breaking dow	n problems into smaller sections and
solving them.	·
a. Spam	b. Problem complication
c. Problem solving	<mark>d.</mark> a & b
77 provides tools to help p	oupils in drawing maps online.
a. Vlaby	b. Mapmaker Interactive
c. Edmodo	d. EKB
information on a variety of topic a. National Geographic Kids c. EKB	
79 Anyone who has access to	can read your messages.
a. the video call	b. Google
c. the chat room	d. Paint
80 allows you to commur	nicate in groups and usually focuses on
one topic.	
a. An email	b. A chat room
c. IM	d. Paint
Put (✓) or (X):	
1 Nowadays there is a wealth of i	nformation in the EKB website. ()
2 The first step in problem solving	is hypothesis testing. ()
3 You can book tickets to visit man internet.	y historical and cultural sites through the ()
4 Microsoft Word doesn't have an	y graphic tools. ()



	You can pay for your bills, like water and electricity bills, using through the internet.	apps ()
6	You can choose the background colors for each slide under the Deoptions.	esign
7	Students must be encouraged to deal with technology in a safe and way.	easy
8	One of the things to consider when preparing a presentation is to a writing long paragraphs.	voic
9	You cannot book tickets for trains, buses, and planes through the inte	rnet.
10	Microsoft Paint allows you to change the size or direction of a phot	o. ()
	Using technology in a positive way helps people become good d citizens.	igita (
12	The animations and movies you watch online are designed by Exce	l. ()
13	Digital citizenship is the ability to use digital technology ethic responsibly, and safely.	cally,
14	You can create mazes or learn coding using Code.gov.	()
15	The digital footprint is a record of what you do online.	()
16	When you solve a problem in a math class, this is considered a type an algorithm.	pe of
17	Protecting yourself from piracy isn't considered important.	()
18	Use clear, good quality, and appropriate images when creating a po	oster.
		(
19	You have the right to use the internet when you need or want verspecting the law.	vhile ()
20	Using too many decorative fonts in your poster is not preferable.	(
21	You must commit piracy with the protected content, share it, or sell	it to
	others.	()



22	To access Microsoft 365's bundle, you will need to have an upo	ated
	digital device.	()
23	You must credit the resources when sharing an entertainment online.	()
24	Major problems must be analyzed and divided into smaller parts for	easy
	solution.	()
25	To join a conversation, you must click on the link provided and wait.	()
26	In the hypothesis testing stage, a guess is made about how the pro occurred.	blem ()
27	You have to accept access from the one who started the meet.	()
28	Online learning environments, like Edmodo, do not allow teachers	and
	students to communicate.	()
29	In your daily life, you do not face any problems when using ICT tools.	()
30	The person in charge of the call can mute other people's microphones.	()
31	Focus only on the topic you are researching.	()
32	Online learning environments, like Edmodo, can provide virtual less	sons.
		()
33	If your camera is on, anyone on the call will be able to see you.	()
34	The Egyptian Knowledge Bank is considered one of the online lear environments.	ning
35	Planning before conducting a digital search will help you focus or	n the
	information you are trying to gather.	()
36	Edmodo's digital learning environment allows teachers and studer communicate and learn online.	its to
37	During conducting a digital search, you must mention the sc	. , ource
	information in your notes to credit it.	()
38	A digital search can include sources like audio, videos, and images.	()
39	Reliable sources are articles or information written and verified by exp	erts.
		()
40	The information used in digital researches must be reliable.	()
14.0		



		· · · · · · · · · · · · · · · .
41	Facebook, Wikis, and blogs are unreliable sources.	()
42	Achieving digital citizenship entails a set of rights and duties.	()
43	You must be careful when taking information through social matter platforms.	nedia ()
44	National Geographic Kids enables you to conduct an experime science interactively.	ent in ()
45	A hypothesis is an educated guess about how things work.	()
46	You must break down the problem into small sections to solve the steps.	em in ()
47	A hypothesis is an attempt to answer your question with an explan that can be tested.	ation ()
48	To solve a big problem, you can solve the small parts of it step by s	tep. ()
49	You must not conduct any test that is not safe when testing the hypoth	nesis. ()
50	Anyone can enter the video chat without needing a permission.	()
51	You must assign a section of the problem to each person in the gro solve it.	up to ()
52	National Geographic Kids is a popular online source for kids to information.	find
53	You must be sure that your computer is updated to download Micr Office 365's bundle.	osof ()
54	Be sure to choose a font size to your poster or billboard that is earead.	isy to
55	A margin is the space left around the edges of your poster or billbo	oard.
<u>56</u>	Choosing a complicated font size in the poster makes it easy to read.	()
57	When making a poster or billboard, you must be sure that the audi will be able to easily see your information.	ence
58	Images should be suitable in terms of the content you are sharing.	()



59 Computers and applications nee	ed algorithms to work.	()
60 Coding is used in the animation played.	n, movies, and online games you	have ()
61) A word processing program ver	ifies that the words you type are cor	rect.
	, ,,	()
62 Email is more formal than instan	t messaging.	()
63 Coding is the writing of multiple	algorithms to make a complete prog	ram.
		()
64 Word processing program verifie	s that the words you type is correct.	()
65 Code.org can help you learn to	code using different coding langua	ıges.
		()
66 William Tyner is a cultural a	nthropologist, technology expert,	and
filmmaker.		()
67 Asynchronous communication of	ccurs in real time with instant respo	nses.
		()
68 Paint program is one of the famou	us programs used in editing images.	()
69 Microsoft PowerPoint is used to a	reate presentations that include text	and
special effects		()
70 Microsoft Paint allows you to de	sign an image and save it.	()
71 The slide is a presentation page	that contains text and image.	()
72 Every trace that a person leave	es when using the internet is know	n as
digital citizenship		()
73 The Toolbox includes all the tools	that you will need to make your draw	ving.
		()
74 Microsoft PowerPoint allows you	to insert a new slide to your presenta	tion.
		()
75 If you add content very close to	the edges, your poster or billboard	l will
look visually appealing.		()
76 The brush tool is used in Paint to	enlarge parts of the image.	()
77 You cannot insert images you	created in Paint into your Power	Point
presentation.		()





<mark>78</mark>	You can run your PowerPoint presentation through the F3 key fro	m t	he
	keyboard.	()
79	If you and your team face a problem, you should assign the probl only one of them to solve it.	em (to)
80	Having a 25-mm margin helps you create a well-designed poster.	()
81	Windows is writing multiple algorithms to create a complete program.	()
82	An algorithm is software to do a task.	()
83	When creating a poster or billboard, be sure to choose a compli	cate	ed
	font type.	()
84	You can learn coding and create mazes using many websites, su	ch	as
	Vlaby.	()
25	Microsoft 365's package contains Google Chrome	1	١



Answers

1 1- c	2 - b	3 - a	4 - a
<u>5</u> - b	<mark>6-</mark> a	7 - d	<mark>8</mark> - a
9- b	10- b	11- b	<mark>12</mark> - a
<mark>13</mark> - a	14- b	15- c	<mark>16-</mark> a
17- d	18- b	19- c	20 - b
21 - a	22 - b	23 - a	24 - c
25 - c	26 - d	27 - b	<mark>28</mark> - a
29 - c	30 - c	31 - b	32 - b
33 - a	34 - b	35 - a	36 - c
37 - b	38 - a	39 - b	40 - b
41 - a	42 - b	43 - b	44 - c
45 - c	46 - b	47 - b	48 - c
49 - d	50 - b	51 - c	52 - b
53 - a	54 - a	55 - a	56 - a
57 - a	58 - d	59 - a	<mark>60</mark> - a
<mark>61</mark> - a	<mark>62</mark> - a	63 - b	64 - a
65 - b	66- b	<mark>67</mark> - a	<mark>68</mark> - c
<mark>69</mark> - c	70 - b	71 - d	72 - a
73 - c	74 - d	75 - b	<mark>76</mark> - с
77 - b	78 - a	79 - c	80- b

1- 🗸	2- X	3- ✓	4- X
5- ✓	6- ✓	7- ✓	<mark>8</mark> - ✓
9- X	10- ✓	11- ✓	12- X
13- ✓	14- ✓	15- ✓	16- ✓
17- X	18- ✓	19- ✓	<mark>20</mark> - ✓
21- X	<mark>22</mark> - ✓	23- ✓	24 - ✓
<mark>25- ✓</mark>	26- X	27- ✓	28- X
29- X	30- ✓	31- ✓	<mark>32</mark> - ✓
33- ✓	34 - ✓	35- ✓	36- ✓
37 - √	38- ✓	39- ✓	40 - ✓
41 - ✓	42 - ✓	43 - ✓	44- X
45 - ✓	46- ✓	47 - ✓	48 - ✓
49- ✓	50- X	51- ✓	52- ✓
53 - √	54 - √	55- ✓	56- X
57 - √	58 - √	59- ✓	60- ✓
<mark>61- </mark>	<mark>62</mark> - √	<mark>63</mark> - √	64 - ✓
<mark>65- </mark>	66- ✓	67- X	68- ✓
69- ✓	70 - √	71 - ✓	72- X
73 - √	74 - ✓	75- X	76- X
77- X	78- X	79- X	80- ✓
81- X	82- X	83- X	84- X
85- X			

المراجمة رقم (لا)







* * Digital Citizenship * *

Active Explorer:

William Tyner is a cultural anthropologist, and a technology expert who works with various organizations that help people connect with other people or services that can help them.
William Tyner believes that using technology, in a positive way, helps people become successful digital citizens.
William Tyner works with various organizations that help people connect with other people or services that can help them.

- For example, if someone finds it difficult to pay his bills, he can use an application through which he gets help from the institution whose services he wants to use.
- There are many ways in which digital tools help Egyptian citizens. Traveling, for example, has become easier because of the ability to book train, bus, and plane tickets online. It is now possible to book tickets to visit some of the historical and cultural sites by clicking on the option that suits you. An abundance of information is now within everyone's reach thanks to the wonderful Egyptian Knowledge Bank website.

⊕ Digital Citizenship:

- It is the ability to use digital technology in an ethical, responsible and safe manner.
- It helps you use and benefit from digital technology, as well as protect your digital footprint.

® Digital Fingerprint:

A digital record of everything you do with the Internet, including websites the e-mail you visit and all what you share with others.

It includes what others share about you.
That is why it is very important to share your information about others in a safe and responsible manner.

S As a digital native, you have certain rights and responsibilities:

Responsibilities	Rights
You should never hack protected content and share it with others or selling it	You have the right not to copy or share your digital fingerprint without your permission. If you upload videos, uploads, songs, or stories of your own creation on the Internet, you have the right to be protected against hacking. (Hacking is the illegal circulation of content for the purpose of sharing or selling it to others)
You should always show a positive attitude in your interactions with others online	You have the right to interact with others online, spread positive ideas to help your community, or express your opinions in a way that does not offend others
Be sure to rate what you're watching or what you're going to share. Ask: Is the source information safe to display and participation? Is the source the result of Hacking?	You have the right to share and access information and entertainment online, while respecting intellectual property rights

Besure to evaluate how you use the Internet. Is what you're watching a productive use of time?

Does it bring you joy

or stress you out?

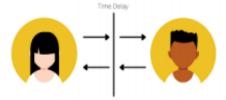
You have the right to use the Internet when you need or want to, while respecting the law

* * Online Communication * *

* * You can use the Internet to communicate Synchronous and Asynchronous

Communicate Asynchronous

The call that does not require a response Instant. Transferring information or files between two or more people without The necessity of their presence at the same time, through various digital tools and resources, such as (sending a file to e-mail - recorded educational programs)



Asynchronous Communication

Communicate Synchronous

Communication that occurs in real time via Immediate responses.
Exchange of information or files between two people
At the same time through various digital tools such as (conversations Instant Video - Live TV Shows - Rooms Instant Chat - Instant messaging (IM))



Synchronous Communication

Synchronous connection:

1. Video Chats allow you to communicate directly with one or more people via your laptop.

Tools needed: device with camera and speakers and a mobile phone or video chat application.

2. Instant Messaging (IM) allows you to send messages Internet.

Messages can only contain text or have photos or videos added to it.

Tools needed: An instant messaging program on your computer or a Mobile phone app.

3. Cell Phone Mobile Application:

A mobile application is an application that runs on your mobile device and gives you direct access to various programs, such as mail, Email, instant messaging, social networking pages, and video chats.

Some of these apps may be pre-installed on your mobile device, while others need to be downloaded.

4. Chat Rooms:

Chat rooms allow you to communicate in groups, usually with a focus room Chat on one topic only. For example, people might use a chat room to have a discussion about a particular study topic.

Tools needed: A web browser to access the Internet or an email application on your mobile device.

* * How to use electronic communication? * *

How to use ICT tools to communicate:

Make Video Chats:

To start a video chat; you can create a link and send it to the participant. If you want to join a conversation, you have to click

on its link and wait for the person who started the conversation to "allow you in" to enter.

* * You can also reply to the conversation by clicking on the phone/video icon.

Make sure the microphone and camera are on.

- * * Sometimes, the person in the conversation may turn off other people's microphones.
- * *You can also turn off the microphone or turn off the camera whenever you want.
- ** If the camera is on, anyone involved in the conversation will be able to see you; therefore, dress appropriately, and act as if you are in a public place.
- * * Speak up when it's your turn, and make sure there's nothing in the background that points to your address or any personal information you don't want to share.

> Chat Rooms:

In the chat room, you can simply write and send your comment, and you can also reply to messages. Some participants may reply to your message as well. But remember that anyone who has access to the chat room will be able to read your messages; So, be polite, helpful and positive.

Instant Messaging:

Click on the name of the person you want to chat with, type your message, and click on the "Send" icon. Instant messaging is a fun and informal way to communicate. You can use short phrases instead of full sentences, as well as symbols and pictures to communicate. But it is important to be ethical in dealing with others.

≥ E-mail:

To send an email to someone, type their email address in the "To" field and write the subject of the message in the subject line.

When writing an email, be sure to use the correct grammar. Be polite and clear, use salutations and closing phrases. And if you're sending attachments, make sure that the information you're sending is secure and accurate.

Online Learning Environments:

Online Learning Environments such as Edmodo® allow teachers and students to communicate with each other.

- **Online Learning Sources: -**
- **⇒** Egyptian Knowledge Bank

The first electronic library in Egypt that contains resources on various topics. It enables you to search and view various topics, digital articles and videos by simply clicking on them.

⇒ National Geographic Kids

A popular online resource that enables children to find information on a variety of topics, including animals, science, history, and geography.

⇒Vlaby

A virtual laboratory platform that enables students and scientists to conduct laboratory experiments in an interactive environment. It is not only informative, but also fun.

⇒Interactive Map Maker

An interactive feature provided by National Geographic. Interactive Map Maker provides online mapping tools for students and teachers and allows the use of map-related to pics, data, and tools.

* * A plan for Digital Research * *

As you do your Digital Research, make sure to focus only on the topic you're researching. When you find information that might answer your questions, evaluate it. Is it reliable?

After you have determined that the information is reliable, make detailed and accurate notes about it. Be sure to write

down what you will be using the source material for. Don't forget to mention the source in your notes; So that you can document it in your report.

****Unreliable Sources:**

You may find correct information on social media sites, such as Facebook, wikis, and blogs, but you are also likely to find information filled with opinions, errors, and even lies. Therefore, be careful when using the information, you find in these types of sources.

Trusted Sources:

Reliable sources are articles or information written by experts and verified for their authenticity. The information in these sources is professionally presented and carefully written, with minimal grammatical and spelling errors.

Fourth Axis: Software Projects ** Problem Solving Skills**

Problem solving skills:

⇒ Take steps to solve a problem:

Just as in your daily life, you may face problems, which you need to think about and solve, when using ICT tools.

Sometimes solving a problem can seem difficult; so you have to take steps, to make the problem solving process easier.

- 1. Building a Hypothesis: A Hypothesis is a scientific guess about how things will happen. It is an attempt to answer your question with a testable explanation.
- 2. Test your Hypothesis: Don't take any test that puts you at risk.
- 3. Did your test pass? It's okay if it doesn't work, we learn from our mistakes. What did you learn? How will this help you build your next Hypothesis?

Breaking problems down into small parts:

Some ICT issues may be more complex than others. Break these problems down into small parts and solve them.

® Read this problem from the real world:

Your teacher asked you to help organize a class trip. At first, the task at hand may seem very difficult. But if you break it down into several small tasks, it becomes easier.

- 1. Decide the destination of the trip.
- 2. Set the date and time of the trip.
- 3. Ask about the price of the trip for each student.
- 4. Determine how you and your colleagues will arrive at the destination.
- 5. Determine what items the students should bring with them.
- 6. List the rules that must be followed on the day of the trip.

** Digital Applications **

Presentation of information: Digital Tools:

When you present information, think about the digital tools you'll need to best present it.

For example, suppose you are asked to design a digital poster. You will need to use a program that allows you to design, Microsoft 365 includes different options:

- -Presentation Software (PowerPoint®),
- -Word Processor (Word®)
- Desktop Publishing Software (Publisher®).

To access the Microsoft 365 package, you will need a digital device that supports the software. You must make sure that your computer is up-to date to support the downloaded software.

Numerical concepts to consider:

When designing your poster, consider the following digital concepts:

Margins

Margin is the amount of space between the edges of the poster and its content, and it is important to leave this space empty.

If you add content too close to the edges, it will make the viewer feel crowded with information.

Font type and size

When you present a poster, your audience should be able to see your information easily.

If you choose a font size that is too small for your audience to read, you must choose a font that is suitable for the audience to know how to read.

Colors

Use colors that help you convey your message, so the harmony of colors draws attention.

Note: - It is better not to use three colors in the poster and be careful of the background color when choosing the font.

Pictures

- It is common to use images in posters.
- Images must match the content you share.
- Use clear, high-quality images appropriate to the topic.

* * Using Word and Excel spreadsheets:

This spreadsheet program, Excel, allows you to create a spreadsheet with as many columns and rows as you need. It is usually used to present numbers because it is able to add them automatically.

Spreadsheet software is an excellent way to gather information and gather your ideas.

Another basic program that you will need is a Word Processor. This program allows you to present your ideas in a variety of ways.

It is mostly used to write what you want but with it you can do much more, you can change the layout, add images, and link your report to websites or information.

* * Algorithms * *

® Presentation of information: Digital Tools:

An Algorithm is a series of steps that explain how to perform a task. When you prepare a meal, you follow a recipe – and the recipe is some sort of algorithm!

Many of the things you do every day can be described by algorithms.

Cleaning your room, for example, is a kind of algorithm:

- 1. Clean the dust
- 2. Wipe flat surfaces
- 3. Clean the floor
- * * And when you're at school, you use algorithms to complete tasks. When you're solving a verbal problem in math, for example, you often have to break the question down into parts, and solve it in a series of steps. These steps are the instructions needed to solve the issue.
- * * Similarly, computers and their applications use algorithms to perform specific tasks. When you enter the keywords you're searching for, the search engine takes steps to deliver the results.
- * * For this reason, it is so important to choose the right words when you are trying to gather information. When you enter your keywords, you tell the engine what you want it to do. And if your formulation isn't precise enough, the engine's algorithm may not be completely accurate.

⇒ Coding: Writing multiple algorithms to create a complete program.

games using coding.

* * Graphic Art * *

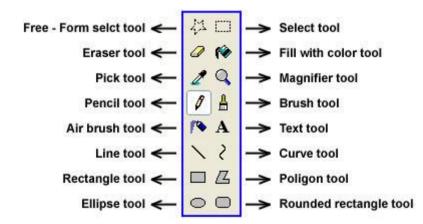
It's easy to create your own graphics or edit photos on computers.

Microsoft Paint is one of the most popular programs in the field of photo and graphic editing.

** To open the file, click on the Accessories folder in the Start menu, search for the Paint program and click on its icon. When you open the program, you will notice that the upper part of the opening screen is similar in design to the word processor programs Word and Excel, as this part includes the Menu bar and the Toolbox.

The menu bar includes options for opening and saving files, and the editing features available in the menu bar include the ability to edit colors and images.

As for the toolbox, it contains all the tools that you will need to design your drawing, including:



- * * With Paint, you can edit images as follows:
- → Fill colors using the options assigned to this task.
- →Selecting specific parts of an image to be used in your drawing by cropping.
- → To add text to an image, click on its lower right edge, then drag the mouse pointer to the right until there is enough white space to write the text after that, cut the text from the white space and paste it on the image.
- → Change the image size or orientation.

The Word Processor program also provides graphic tools, you can use to design graphic elements, press the Insert tab in the menu bar to learn about the different options available, such as:

- -Shapes
- -lcons
- -3D Models
- Diagrams

© Create a presentation:

- Presentation software (Microsoft PowerPoint®) is used to design presentations.
- It includes text, animation, photo and special effects.
- To create a presentation using (Microsoft PowerPoint®)
- Click on the presentation software icon on your computer.
- Click on Blank presentation.
- You will notice that there is a menu bar at the top of the program's opening screen.
- It includes multiple tabs. Each tab includes a set of tools that you can use to create your presentation.
- You'll notice a slide that tells you to click to type a title.
- Use the first slide to add a title and subtitle to your presentation.

- You can also add your name in the subtitle section, and then type the information into the text boxes

A Slide is a presentation page that contains your text and images.

In the left part of the opening screen, you will notice that there is a thumbnail image (thumbnail) for each slide you create, which is an image that is intended to preview the slide, click on New slide to add another slide to your presentation.

You can choose the layout of each slide by pressing the Layout tab in the Home menu.

Add Text: To add text to your presentation slides, tap the text box on the opening screen, choose the font type and size you'd like to use, and start writing the text.

Add visuals and effects: The presentation software includes many visuals that contribute to the highlight of your presentation.

Design: Click on the design options for each slide, including the background colors.

Draw: Choose from among the drawing tools.

Transitions: Choose a visual effect to use when moving from one slide to the next.

Animations: Choose the types of animations you want to use with the content of each slide.

Slide Show: Decide how you'd like to present your presentation, and timing for each slide.

You can also watch the show by pressing the display icon or by pressing the F5 key on your keyboard.

Insert pictures: To insert pictures into your presentation, click on the Insert tab, then the Pictures option.

Choose what you need from the menu bar, and when you choose the image you want to insert, drag it with your mouse pointer into the slide. You can also insert an image you created with another program into your presentation.

When designing your presentation, be sure to keep the following in mind:

- Avoid long paragraphs or sentences.
- Verify that the font type and size are readable.
- -Use images instead of text whenever possible.

<u>Pu</u>	<u>it (\vee) or (\mathbf{X}) : </u>	P. C.	
1	Nowadays there is a wealth of information by using EKB website.)
2	You can booking tickets to visit many historical and cultural sites through	()
	the internet.		
3	You can pay for your bills like water and electricity bills using apps	()
	through the internet.		
4	Students must encourage to deal with technology in safety and easy way	. ()
5	You cannot booking tickets for trains, buses and planes through the	()
	internet.		
6	Using technology in a positive way help people to become good digital	()
	citizenships.		
7	Digital citizenship is the ability to use digital technology ethically,	()
	responsibly, and safely.		
8	Digital footprint is a record of what you do online.	()
9	Protect yourself from piracy isn't considered important.	()
10	You have the right to use the internet when you need or want to, while	()
	respecting the law.		
11	You must commit piracy with the protected content, share them and sell	()
	to others.		
12	You must crediting the resources when sharing an entertainment online.	()
13	To join a conversation, you must click on the link provided and wait for	()
	accept access from the one who the start the meet.		
14	Online learning environments like Edmodo doesn't allow teachers and	()
	students to communicate		
15	The person in charge of the call can mute others people's microphones	()
16	Online learning environments like Edmodo can provide virtual lessons	()
17	If your camera is on so anyone who is on the call will be able to see you	()
18	Egyptian knowledge bank is considered one from the online learning	()
	sources.		
19	Egyptian knowledge bank is considered one from the online learning	()
	environments.		

		oj car	افا م
20	Planning before conducting a digital search will help you focus on the		Jex
	information you're trying to gather.		
21	During conducting a digital search you must mention the source)
	information in your notes to credit it		
22	The digital search can include sources like audio, video, and image.	()
23	Reliable sources are articles or information written and verified by experts	()
24	The information used in digital researches must be reliable	()
25	You must be careful when taken information through social media	()
	platforms		
26	You must commit piracy and share the content with others	()
27	The person who making the call can mute other people's microphones	()
28	You can pay for water and electricity bills through apps in the internet	()
29	We must encourage students to learn about how to use technology in an	()
	ethical and safety way		
30	The reliable contents are articles or information that written and verified	()
	by experts.		
31	The Egyptian Knowledge bank (EKB) is one of the learning materials via	()
	the internet.		
32	A hypothesis is an educated guess about how things work .	()
33	You must break down the problem into small section to solve them in	()
	steps.		
34	Hypothesis is an attempt to answer your question with an explanation	()
	that can be tested		
35	To solve a big problem you can solve the small parts of it step by step .	()
36	You mustn't conduct any test which is not safe when test the hypothesis .	()
37	You must assign to each person in the group a section of the problem to	()
	solve it.		
38	You must be sure that your computer is updated to download Microsoft	()
	office 365 bundle		
39	Be sure to choose a font size to your poster or billboard that is easy to	()
	read.		
40	margin is the space left around the edges of your poster or billboard.	()

41 Choice a complicated font size in the poster makes it easy to read. 42 When making a poster or billboard you must be sure that the audience will be able to easily see your information. 43 Images should be suitable in sense terms of the content you are sharing. 44 Computers and applications need algorithms to work. 45 Coding is used in animation, movies and online games you have played. 46 Word processing program verify that the words you type is correct. 47 Coding is the writing of multiple algorithms to make a complete program. 48 Word processing program verify that the words you type is correct. 49 Code.org can help you learn to code using different coding languages. 50 Paint program is one of the famous programs used in editing images. Microsoft PowerPoint used to create presentations that include text and special effects. 52 Microsoft paint allows design image and save it. 53 The slide is a presentation page that contains text and images. 54 The toolbox includes all the tools that you will need to make your drawing. 55 Microsoft PowerPoint allows you to insert new slide to your presentation. 56 Coding (programming) is used in animations and online games you practice via the internet 57 You must choose appropriate font size for your poster to be easy to read. 58 Microsoft paint allows design image and save it. 59 To solve difficult problem break it down to small section step by step. 60 The images should be suitable in terms of the content you are sharing. You must assign each person in the group a section of the problem to solve.

c- badly

d- annoying

Choose the correct answers:

- 1 .All of the following is consider from the safety using of technology except...
- a- booking train tickets

a- a few

- b- pay bills through the internet
- c- Egyptian knowledge bank (EKB)
- d- share your personal information through social media
- 2 .Students must encourage to use technology in Way.
- 3 .From the rights of digital citizenship
- a- Don't copy your digital footprint or shared with others

b- safety and easy

- b- Show positive behavior in your communication online
- c- Be sure to evaluate what you're viewing
- d- Be sure that the material you see is safe
- 4 .From the responsibilities of digital citizenship
- a- You must never commit piracy with the safe contents or share them
- b- Using the internet whenever you need
- c- Share information while respecting intellectual property rights
- d- Engage with others online
- 5.......is a virtual labs platform that enables students and teachers to do lab experiments in an interactive environment
- a- Egyptian knowledge bank (EKB)
- b- National geographic kids
- c- VLABY
- d- Edmodo
- 6ls Egypt's premiere online library of resources which include variety of subjects.
- a- Egyptian knowledge bank (EKB)
- b- National geographic kids



- c- VLABY
- d- Edmodo
- 7. An outline should include
- a- An introduction that introduces the topic of the report
- b- Unsupported information
- c- Unrelated ideas
- d- Unrelated researches
- 8. Sources through social media platforms are
- a- reliable sources
- b- unreliable sources
- c- you must follow them
- d- from the important resources
- 9. From the rights of digital citizenship
- a- Don't copy your digital footprint or shared with others
- b- Show positive behavior in your communication online
- c- Be sure to evaluate what you're viewing
- d- Be sure that the material you see is safe
- 10. You must encourage students to use technology in way
- a- few
- b- safe and easy
- c- bad
- d- annoying
- 11 .If you and your team faced a problem, to solve it
- a- assign each person section of it
- b- assign the problem to one of them
- c- only you solve the problem



- d- keep the problem without solving
- 12 .To facilitate solve a big problem.......
- a- breaking down the problem into smaller section
- b- don't solve it
- c- don't assign the roles to team group
- d- assign one solve
- 13. When creating a poster or billboard be sure to
- a- Choose a small font size
- b- Choose complicated font size
- c- Choose too big font size
- d- Choose suitable font size and type
- 14. To use images in the billboard it must be
- a- appropriate images and sizes
- b- not clear images
- c- very small images
- d- bad quality images
- 15. You can type multiple algorithms to create a complete program by
- a- Programming
- b -Screen
- c- keyboard
- d- mouse
- 16. The Program can recognize if the words typed correctly or not
- a-word
- b- Photoshop
- c-excel
- d- flash



17 .The Program is one of the famous programs in editing images

A-Paint

b –Word

c- Facebook

d- Twitter

18. The Program used to create presentations that include text and special effects.

b- Word

C-Facebook

A-PowerPoint

d- Twitter

19. You must choosewhen making a poster or billboard

a- Small font size

b -font size that is difficult to read

c- Big font size

d- Suitable font size and type

20. The Program can determine if the text is written correctly or not.

a-Word

b- Photoshop

C-Excel

d- Flash

Put $(\sqrt{\ })$ or (X):

1	Nowadays there is a wealth of information by using EKB website.	(\	/))
2	You can booking tickets to visit many historical and cultural sites through the internet.	(1	/))
3	You can pay for your bills like water and electricity bills using apps through the internet.	(\	/])
4	Students must encourage to deal with technology in safety and easy way.	(\	/))
5	You cannot booking tickets for trains, buses and planes through the internet.	()	()
6	Using technology in a positive way help people to become good digital citizenships.	(\	/])
7	Digital citizenship is the ability to use digital technology ethically, responsibly, and safely.	(1	/))
8	Digital footprint is a record of what you do online.	(1	/))
9	Protect yourself from piracy isn't considered important.	()	()
10	You have the right to use the internet when you need or want to, while	(\	/))
	respecting the law.			
11	You must commit piracy with the protected content, share them and sell to	()	()
12	others.	(1	/ 1	١
12	You must crediting the resources when sharing an entertainment online.	•		
13	To join a conversation, you must click on the link provided and wait for accept access from the one who the start the meet.	(1		•
14	Online learning environments like Edmodo doesn't allow teachers and students	()	()
	to communicate			
15	The person in charge of the call can mute others people's microphones	(1	/))
16	Online learning environments like Edmodo can provide virtual lessons	(\	/))
17	If your camera is on so anyone who is on the call will be able to see you	(\	/))
18	Egyptian knowledge bank is considered one from the online learning sources.	(\	/))
19	Egyptian knowledge bank is considered one from the online learning environments.	()	()
20	Planning before conducting a digital search will help you focus on the	(1	/))
	information you're trying to gather.	j	•	
21	During conducting a digital search you must mention the source information in	(\	/))

	Question (ICT) Grade 4	
4	Question (IC1) Grade 4	की त्वाक
	your notes to credit it	The state of the s
22	The digital search can include sources like audio, video, and image.	
23	Reliable sources are articles or information written and verified by experts	
24	The information used in digital researches must be reliable	(√)
25	You must be careful when taken information through social media platforms	(√)
26	You must commit piracy and share the content with others	(X)
27	The person who making the call can mute other people's microphones	(\(\)
28	You can pay for water and electricity bills through apps in the internet	(\(\)
29	We must encourage students to learn about how to use technology in an	(√)
	ethical and safety way	I
30	The reliable contents are articles or information that written and verified by	(√)
	experts.	
31	The Egyptian Knowledge bank (EKB) is one of the learning materials via the	(√)
22	internet.	
32	A hypothesis is an educated guess about how things work.	(\(\)
33	You must break down the problem into small section to solve them in steps.	()
34	Hypothesis is an attempt to answer your question with an explanation that can	(√)
25	be tested To solve a higher year on solve the small nexts of it ston by ston	1 2 1
35	To solve a big problem you can solve the small parts of it step by step.	(√) (√)
36	You must assign to each parson in the group a section of the problem to solve	(\(\)
31	You must assign to each person in the group a section of the problem to solve it.	(1/)
38	You must be sure that your computer is updated to download Microsoft office	(√)
30	365 bundle	(
39	Be sure to choose a font size to your poster or billboard that is easy to read.	(√)
40	margin is the space left around the edges of your poster or billboard.	(\(\)
41	Choice a complicated font size in the poster makes it easy to read.	(X)
42	When making a poster or billboard you must be sure that the audience will be	()
	able to easily see your information.	
43	Images should be suitable in sense terms of the content you are sharing.	(√)
44	Computers and applications need algorithms to work.	()
45	Coding is used in animation, movies and online games you have played.	$(\sqrt{})$
46	Word processing program verify that the words you type is correct.	(√)
47	Coding is the writing of multiple algorithms to make a complete program.	(√)

Word processing program verify that the words you type is correct.
Code.org can help you learn to code using different coding languages.
Paint program is one of the famous programs used in editing images.
Microsoft PowerPoint used to create presentations that include text and special effects.
Microsoft paint allows design image and save it . (√)
The slide is a presentation page that contains text and images. (√)
The toolbox includes all the tools that you will need to make your drawing. (√)
Microsoft PowerPoint allows you to insert new slide to your presentation. (√)
Coding (programming) is used in animations and online games you practice via the internet
You must choose appropriate font size for your poster to be easy to read. (√)
Microsoft paint allows design image and save it . (√)

Choose the correct answers:

1 .All of the following is consider from the safety using of technology except.....

To solve difficult problem break it down to small section step by step.The images should be suitable in terms of the content you are sharing.

61 You must assign each person in the group a section of the problem to solve.

- a- booking train tickets
- b- pay bills through the internet
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- d- share your personal information through social media
- 2 .Students must encourage to use technology in Way.
- a- a few <u>b- safety and easy</u>
- c- badly
- d- annoying
- 3 .From the rights of digital citizenship
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- b- Show positive behavior in your communication online
- c- Be sure to evaluate what you're viewing
- d- Be sure that the material you see is safe

- 4 .From the responsibilities of digital citizenship
- a- You must never commit piracy with the safe contents or share them
- And calls

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- d- annoying
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- a- assign each person section of it
- b- assign the problem to one of them
- c- only you solve the problem
- d- keep the problem without solving
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a- Programming

- b –Screen
- c- keyboard
- d- mouse
- 16. The Program can recognize if the words typed correctly or not

a-word

- b- Photoshop
- c-excel
- d- flash
- 17 .The Program is one of the famous programs in editing images

A-Paint

- b-Word
- c- Facebook
- d- Twitter
- 18. The Program used to create presentations that include text and special effects.

A-PowerPoint

- b- Word
- C-Facebook
- d- Twitter
- 19. You must choosewhen making a poster or billboard
- a- Small font size



- b –font size that is difficult to read
- c- Big font size
- d- Suitable font size and type
- 20. The Program can determine if the text is written correctly or not.
- <u>a-Word</u>
- b- Photoshop
- C-Excel
- d- Flash



المراجعة رقم (4)









Final Revision

*(1) Choose the right answer:

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90 00 0 0 7.	-		
1. When we solve a	complex problem, we shoul	d the prob	olem.
a. break	b. step	c. order	d. game
2. Code.org helps yo	ou learn		
a. coding	b. animations	c. movies	d. games
3. Using technology	in away can help	people become succes	sful digital citizens
a. harmful	b. positive	c. wrong	d. bad
4. To create an EKE	B account, use		
a. Email	b. WhatsApp	c. Facebook	d. IM
5is a vir	tual labs platform, it's not	only informative, but t	fun too.
a. Edmodo	b. EKB	c. Vlaby	d. WhatsApp
6. To create a poster	, you should think about		
a. margins	b. font size	c. colors	d. all of them
7. We can create pro	esentation, through many a	nimations' effects by .	program
a. PowerPoint	b. Excel	c. Word	d. Paint
8 before	conducting a digital searc	h is very important.	
a. Sharing	b. Planning	c. Helping	d. Deleting
9 is an e	educated guess about how t	hings work.	
a. Hypothesis	b. App	c. Internet	d. Intranet
10 is a vi	rtual labs platform that en	ables students and teac	chers to do lab
experiments in an	interactive environment.		
a. National Geogra	phic Kids	b. Vlaby Platform	
c. Mapmaker		d. None of them	
11. The distance at the	e edges of your poster or a	billboard, called	
a. Margins	b. Paint	c. Font	d. Size
12.To insert pictures	into your presentation, cli-	ck then pic	tures.
a. Slide Show	b. Transitions	c. Insert	d. Write
13.A/An	is a series of steps that expl	lain how to do a task.	
a. algorithm	b. coding	c. gaming	d. Paint
14. Every trace that a	person leaves when using	the internet is known a	as
a. digital libraries	b. digital footprint	c. digital citizen	d. all of them

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15.Communication that of	does not require an ins	tant response is	
a. asynchronous		b. synchronous	
c. both of them		d. none of them	-
16.Use the internet when	you need while respec	ting the law is called	
a. Responsibilities	b. Rights	c. Communicate	d. Insert
17.Stay safe online by set	ting passwo	ords.	
a. harmful	b. weak	c. strong	d. useful
18 sources ar	e information written a	and verified by experts.	
a. Reliable	b. Unreliable	c. Harmful	d. Wrong
19.We can create present	tation, by p	rogram.	
a. PowerPoint	b. Word	c. Excel	d. Paint
20 is a record	of what you do online,	including the sites you	visit and the
things you post.	100	0.0	<i>J</i>
a. Digital footprint	b. Citizenship	c. File	d. Post
21 Communi	cation that occurs in re	eal time.	
a. Synchronous	b. Asynchronous	c. Email	d. Paint
22.Click to ac	ld another slide to you	r presentation.	
a. new slide	b. plan	c. write	d. share
23.A wealth of information	on now at everyone's fi	nger trips with the ama	zing
website			
a. YouTube	b. EKB	c. Facebook	d. WhatsApp
24 is the abili	ty to use digital techno	logy ethically, responsib	oly, and safely.
a. Digital citizenship		b. Digital footprint	· ·
c. Digital piracy		d. None of them	
25.Asynchronous commu	mication doesn't requi	re	
a. Instant response		b. Computer device	
c. Internet		d. Google	
26.To make video chat m	ake sure aı	re on.	
a. microphone		b. camera	
c. both of them		d. none of them	
27."Choose your topic" s	step is thes	tep to conduct a digital s	search.
a. first	b. second	c. the last	d. third
28.To solve p	roblems breaking dow	n it into smaller sections	
a. simple	b. complicated	c. new	d. big
29.An algorithm is a seri	es of that ex	xplain how to do a task.	
a. thoughts	b. keywords	c. steps	d. words

30. Coding is the writing of	of multiple	to make a complete progr	ram.
a. moves	b. mazes	c. algorithms	d. fonts
31. There are many websi	tes like	that can help you learn to co	de.
a. code.org	b. blogs	c. X platform	d. posts
32.A popular graphics ed	itor is	•	
a. Microsoft Paint		b. Microsoft 365	
c. Microsoft Editor		d. Microsoft Word	
33 is a series of	of steps that expla	in how to do a task.	
a. Digital citizen	b. Outline	c. Algorithms	d. WhatsApp
34 is the writi	ng of multiple alg	orithms to make a complete p	rogram.
a. Chat room	b. Algorithms	c. Coding	d. Email
35allow teach	ers and students	to communicate no matter who	ere they are.
a. Online learning envir	onments	b. Google	
c. Amazon		d. WhatsApp	
36 allows Egy	ptian citizens to a	ccess learning materials.	
a. Amazon		b. Egyptian Knowledge	e Bank
c. Chat room		d. Facebook	
37 is a record	of everything you	ı do online.	
a. Google chrome	b. EKB	c. Digital footprint	d. Message
38 program i	s one of the popul	lar programs in editing picture	es and graphics
a. Microsoft Paint	b. Word	c. PowerPoint	d. Excel
39 is an exam	ple of asynchrono	ous communication.	
a. Digital footprint	b. Email	c. Word	d. Google
40 program a	llows you to creat	te a spreadsheet consisting of a	s many
columns and rows.			
a. Microsoft Excel	b. Paint	c. Email	d. Messages
41. The empty space betw	een the edges of t	he billboard is called	••••
a. PowerPoint	b. Margin	c. Google chrome	d. Paint
42. You can create mazes	through		
a. code.org	b. Amazon	c. Google play	d. WhatsApp
43. The title of the E-mail	must be written i	n field.	
a. from	b. attachments	c. subject	d. size
44. You can make video ca	alls with your frie	ends through	
a. scanner		b. a mobile phone	
c. a printer		d. none of them	

45.The appl	ication is used to con-	duct group video chats.		
a. Skype		b. Egyptian Knowled	ge Bank (EKB)	
c. Augmented reality		d. WhatsApp		
46.Microsoft 365 packa	ge contains	program.		
a. Word processor sof	tware	b. Excel		
c. Google chrome	c. Augmented reality d. WhatsApp 6.Microsoft 365 package contains			
47.It's important to use	technology			
a. quickly	b. hard	c. responsibly	d. badly	
48. Using technology in	a positive way can he	lp people become successfu	l digital	
a. citizens	b. footprints	c. relationships	d. tools	
49. To create a presenta	tion use		S	
a. Excel	b. PowerPoint	c. Paint	d. Skype	
50. Anyone who has acc	ess to the	will be able to read your m	essages.	
a. chat room	b. location	c. game	d. class	
51 is an Egy	ptian library of infor	mation.		
a. EKB	b. Facebook	c. Social media	d. Google	
52 is more f	ormal than instant m	essaging.		
a. Computer	b. E-mail	c. Chat room	d. Video chat	
53. Facebook, Wiki page	es and blogs are	sources.		
a. reliable	b. accurate	c. unreliable	d. EKB	
54. Communication that	t occurs in real time v	vith instant responses is		
a. synchronous		b. asynchronous		
c. email		d. none of them		
55. Paying bills has beco	ome by us	ing digital tools and apps.		
a. easy		b. impossible		
c. hard		d. none of them		
56. When we solve a con	nplex problem, we sh	ould it.		
a. complex	b. break	c. delete	d. ignore	
57. Microsoft 365 includ	les			
a. Microsoft Word		b. Paint		
c. Google play		d. Google chrome		
58. When you use a char	t room, you must be			
a. polite		b. positive		
c. both (a) & (b)	quickly b. hard c. responsibly d. badly sing technology in a positive way can help people become successful digital			

*****(2) <u>Put (√) or (X):</u>

1.	Digital communication is not important for exchanging opinions.	()
2.	The Internet can be used to communicate synchronously and asynchronously.	()
3.	The person in charge of the call cannot turn off other people's microphones.	()
4.	When presenting a poster or billboard, we should choose a very small font size.	()
5.	The search engine uses algorithms to provide results.		
6.	Skype is an asynchronous communication medium.		7
7.	EKB and WhatsApp are online learning sources.	()
8.	All social networking sites contain reliable information.	()
9.	A slide in PowerPoint, is a presentation page that only contains text.	()
10.	EKB contains a wealth of information.	()
11.	You don't have the right to engage with others online.	()
12.	Chat rooms allow you to communicate in a group.	()
13.	It's not important to plan before conducting a digital search.	()
14.	An algorithm is as series of steps that explain how to do a task.	()
15.	.Mazes are an example of things you create using coding.	()
16.	Travelling become more difficult by booking tickets online.	()
17.	The Microsoft 365 software package contains PowerPoint program.	()
18.	It is important to break complex problems into small parts when solving them.	()
19.	Margins are not important when creating a poster or billboard.	()
20.	William Tyner is a cultural anthropologist technologist and filmmaker.	()
21.	EKB contains a wealth of information.	()
22.	You can mute your microphone or turn off your camera at any time.	()
23.	.A margin is the space left around the edges of your poster or billboard.	()
24.	.Updated software is not required when using digital technology.	()
25.	Search engines use algorithms to provide results.	()
26.	Asynchronous communication tools such as sending a file via email.	()
27	A digital search can include audio, video and images sources.	(<u> </u>

ICT	Second Term 2024/2025	Gra	de 4
28. You should breakdown	problems into small sections and solve it step by step.	()
29.Keywords is not import	ant when searching of information.	()
30. Digital piracy is the ille	gal circulation of content to be shared or sold to others.	()
31. Using technology in a p	ositive way help people become successful digital citizens.	()
32.Communication that do	es not require an instant response is asynchronous.	(
33. You can copy scientific	content without the permission of the owner.		
34. You can use coding to i	dentify the paths needed to get out amaze.		5
35. Paying bills has become	e hard by using tools and apps.	()
36. Share your personal info	ormation or others in a safe and responsible way.	()
37. Animation and video ga	mes were created using coding.	(
38. To add a new slide to yo	our presentation, use the new file command.	()
39. We can use ICT tools to	learn to share and to communicate.	(<u> </u>
40. When making a guess to	o solve a problem, this guess is called the hypothesis.	()
41. Video chat is a synchron	nous communication.	()
42. It is important to break	complex problems into small parts when solving them.	()
43. Live TV programs are a	form of asynchronous communication.	()
44. PowerPoint is used to d	esign presentations with texts only.	()
45. Algorithms are only use	ed in cooking.	()
46. Facebook is a reliable so	ource for information.	()
47. Tools needed for emails	s are internet browser and email application.	()
48.Edmodo is a virtual lab	platform to do lab experiments.	()
49. All social networking si	tes contain reliable information.	()
50. A hypothesis is from so	lve a problem steps.	(
51. An algorithm is a series	of steps that explain how to do a task.	(
52. The last step for instant	messaging is writing the message.	(<u> </u>
53. Facebook, wikis, and bl	ogs are among the unreliable sources.	(
54.Planning before conduc	ting any digital research is not important.	(
55. You can copy scientific	content without the permission of the owner.	(

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ICT	Second Term 2024/2025	G	rade 4
56. You can communica	te with your friends using Skype.	()
57. Facebook, Wiki page	es, and blogs are reliable sources.	()
58. To be safe online, yo	ou should set weak passwords.	()
59. Edmodo is an examp	ole of a virtual class.	()
60. Computers, like hum	ans, use different languages.	()
61. PowerPoint is used to	o design presentations with text only.	(
62. Images poster should	d be related to the content.	10	5
63.EKB and WhatsApp	are online learning sources.)
64. You have the right to	use the internet while respecting the law.)
65. Digital citizenship is	the ability to use digital technology ethically.)
66. Making a sandwich i	s an example of an algorithm.	()
67. Travel is made more	convenient by booking tickets online.	()
68. You can use email to	send and receive messages.	()
69. To start a call, you call	reate a link to send to the participant.	()

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*	(3) Complete the following sentences by using these words:
1.	(Synchronous - Video chats - Digital citizenship - Piracy)
1.	is the ability to use digital technology ethically.
2.	communication occurs in real time.
3.	You need a device with a camera and speakers to make
4.	is the illegal circulation of content to be shared or sold to others.
2.	(Synchronous - mute - Chat rooms - digital technology - Google Chrome)
1.	communication occurs in real time.
2.	William Tyner uses different types of in many aspects of his work.
3.	You need a web browser like to access websites on the internet.
4.	allow you to communicate in a group.
5.	You can your microphone or turn off your camera at any time.
3.	(a camera and speakers - EKB - in real time - digital citizen)
1.	Synchronous communication occurs using various digital tools.
2.	Digital tools needed for video chat, device with and video chat software.
3.	You as a you use ICT tools to learn, to share, and to communicate.
4.	provides Egyptian citizens with access to learning materials in the
	digital library.
4.	(ICT tools - Emails - digital citizen – EKB - link)
1.	Ais a person who uses ICT tools to learn and share.
2.	helps non-verbal students to learn languages at school using pictures.
3.	The contains a digital library that helps students access to all learning
	materials.
4.	To start a call, you create a to send to the participant(s).
5.	It's common to use in more formal situations, such as creating an EKB
	account.

5.	(VLABY - Camera - National Geographic Kids - Mapmaker Interactive)
1.	is a popular online source for kids to find information on a variety
	of subjects.
2.	provides online world mapping tools for students and teachers.
3.	is a virtual lab platform that enables students and teachers to do lab
	experiments in an interactive environment.
4.	If your is on, anyone who is on the video call will be able to see you.
6.	(Digital footprint - urgent – Internet – coding)
1.	Synchronous communication is used when the information is or needs to
	be transmitted quickly.
2.	The writing of multiple algorithms to make a complete program means
3.	Gautam Shah is the founder of of Elephants.
4.	is a record of what you do online, including the sites you visit and
	the things you post
7.	(asynchronous - mistakes - reliable - sources
1.	It is important to gather information from a variety of
2.	You will learn from yourif your test is not successful
3.	There are two types of online communication, synchronous and
4.	Evaluating a source help you determine if the information is
8.	(plan – experts - decorative - margins)
1.	While creating your poster or billboard, think about the
2.	Reliable sources are articles or information written and verified by
3.	It's important to before conducting a digital search.
4.	A complicated or font is distracting and hard to read.

9.	(algorithm - books and articles - evaluate - Three)
1.	When you research you need to use a variety of sources as
2.	It is better not to use more than colors in a poster.
3.	An is a series of steps that explain how to do a task.
4.	When collecting information, you must its sources.
10	. (fonts - Microsoft 365- hypothesis - problem solving – margin)
1.	The is the space left around the edges of your poster or billboard and its
	content.
2.	Sometimes, simple are better.
3.	When making a guess to solve a problem, this guess is called a
4.	There are common steps that you can take to make easier.

5. includes, application package such as Power Point, Word, and

Publisher.

Model Answer

*(1) Choose the right answer:

1.	Α	7. A	13. A	19. A	25. A	31. A	37. C	43. C	49. B	55. A
2.	A	8. B	14. B	20. A	26. C	32. A	38. A	44. B	50. A	56. B
3.		9. A	Street St	21. A	27. A	33. C	39. B	45. A	51. A	57. A
4.	Α	10. B	16. B	22. A	28. B	34. C	40. A	46. D	52. B	58. C
5.	C	11. A	17. C	23. B	29. C	35. A	41. B	47. C	53. C	
6.	Α	12. C	18. A	24. A	30. C	36. B	42. A	48. A	54. A	1

*(2) Put ($\sqrt{}$) or (X):

1. (X) 13. (X) 25. ($$) 37. ($$) 49. (
	1.
2. $()$ 14. $()$ 26. $()$ 38. (X) 50. $()$	\checkmark) 62. (\checkmark)
3. (X) 15. (\checkmark) 27. (\checkmark) 39. (\checkmark) 51. $($	63. (X)
4. (X) 16. (X) 28. ($\sqrt{}$) 40. ($\sqrt{}$) 52. ((X) 64. $(\sqrt{)}$
5. $(\sqrt{\ })$ 17. $(\sqrt{\ })$ 29. (X) 41. $(\sqrt{\ })$ 53. $(\sqrt{\ })$	$65.(\sqrt{})$
6. (X) 18. ($$) 30. ($$) 42. ($$) 54. (66. (√)
7. (X) 19. (X) 31. $()$ 43. (X) 55. ($\mathbf{X}) \qquad 67. (\checkmark)$
8. (X) 20. ($$) 32. ($$) 44. (X) 56. (68. (√)
9. (X) 21. ($\sqrt{}$) 33. (X) 45. (X) 57. (X) 69. (√)
10. $(\sqrt{\ })$ 22. $(\sqrt{\ })$ 34. $(\sqrt{\ })$ 46. (x) 58. (x)	
11. (X) 23. ($\sqrt{}$) 35. (X) 47. ($\sqrt{}$) 59. (√)
12. $(\sqrt{\ })$ 24. (X) 36. (X) 48. (X) 60. $($	√)

***(3)** Complete the following sentences by using these words:

7 10	Complete the following sent	1011000	My woming through
	1. Digital citizenship		1. Synchronous
	2. Synchronous		digital technology
1	3. Video chats	2	3. Google Chrome
	4. Piracy		4. Chat rooms
			5. Mute
	1. in real time		1. digital citizen
	2. a camera and speakers		2. ICT tools
3	3. digital citizen	4	3. EKB
	4. EKB		4. Link
			5. Emails
	1. National Geographic Kids		1. Urgent
5	2. Mapmaker Interactive	6	2. Coding
	3. VLABY	"	3. Internet
	4. Camera		4. Digital footprint
	1. Sources		1. Margins
7	2. Mistakes	8	2. Experts
	3. Asynchronous	0	3. Plan
	4. Reliable		4. Decorative
	1. books and articles		1. margin
	2. Three		2. fonts
9	3. Algorithm	10	3. hypothesis
	4. evaluate	1.3%	4. problem solving
			5. Microsoft 365

Engo







Theme 3 Q: Digital Citizenship Lesson 1 Q: Explorer in Action

	Q1	Put a mar	k (true	or mark	false)	: -
--	----	-----------	---------	---------	--------	-----

1.	Mr-Tyner uses digital technology to help him get his work done.	()
2.	Digital technology has no role in our daily lives.	()
3.	Digital technology helps to find real solutions to the problems facing local communities.	()
4.	It has become difficult to book train or plane tickets online.	()
5.	You can book a bus ticket to travel to Alexandria online.	()
6.	William Tyner is a cultural anthropologist, technology expert, and filmmaker.	()
7.	Digital technology helps travelers book travel online.	1)
8.	Digital technology helps find real solutions to problems.	(.	/)
9.	Nowadays there is a wealth of information by using EKB website.	1)
10	You can booking tickets to visit many historical and cultural sites through the internet.	()
11	. You can pay for your bills like water and electricity bills using apps through the internet.	()
12	2. Students must encourage to deal with technology in safety and easy way.	()
13	. You cannot booking tickets for trains, buses and planes through the internet.	()
14	. Using technology in a positive way help people to become good digital citizenships.	. ()
-			

Q2: Choose the correct answer from the brackets:-

- 1- William Tyner works as
- b- Technologist a-Engineer
- c- Lawyer
- D- Doctor
- 2- William Tyner used in his field of work to find solutions to problems.
- a- Physics
- b- Digital Technology c- Chemistry
- d- Math
- 3- The Egyptian Knowledge Bank EKB provides
- a-Information
- b- Money

- c- Gold
- d- water
- 4- Among the services provides is knowing the date and schedule of exams.
- A- The website of the Ministry of Tourism and Antiquities
- B- The website of the Ministry of Health and Population
- C- The website of the Ministry of Education and Technical Education

العصول عي منظرات فسرح دهنه تواصل والساب وغير مسموح باراته بيدفي	500	
D- Ministry of Labor website		_
5- My father uses to pay the electricity bills.		
A- Scanner B- Apps C- Printer D- Microph	ione	
6- All of the following is consider from the safety using of technology except		
a- booking train tickets b- pay bills through the internet		
c- Egyptian knowledge bank (EKB) d- share your personal information through social	media	
7- Students must encourage to use technology in Way.		
a- a few b- safety and easy c- badly d- annoyin	g	
***************	***	
Theme 3 Lesson 2 Q : Digital Citizenship		
Q1: Put a word (true) or (false):		
1- Dealing responsibly with others online is part of digital citizenship.	()
2- Every trace that a person leaves when using the Internet is known as digital citizenship.	()
3- Achieving digital citizenship entails a set of Rights and Responsibilities.	()
4- You can copy scientific content without the permission of the owner.	()
5- Anyone can copy and share your digital fingerprint without your consent.	()
6- Piracy is the illegal exchange of content for the purpose of sharing it with oth	ers or	
selling it.	()
7- The Internet helps people spread positive ideas to help society or express opi	nions ir	n
a way that doesn't offend others.	()
8- You can publish and share information and entertainment online without cities	ng the	
source.	()
9- Digital citizenship is the ability to use digital technology ethically, responsibly, and safely.	()
10- Digital footprint is a record of what you do online .	()
11- Protect yourself from piracy isn't considered important .	()
12- You have the right to use the internet when you need or want to, while respecting the	aw.()
13- You must commit piracy with the protected content, share them and sell to other	ers.()
14- You must crediting the resources when sharing an entertainment online.	()
ICT 4TH Grade ((4)) Mr- Belal Nasr 010	6576048	33

Q5: Choose the correct answer from the brackets:-

and the contract the			
1) Someone tracks your	responses on differe	ent social networking si	tes. It's called
A- digital footprint	B- digital piracy C	C- assumptions d- d	igital citizenship
2) enables you to	use digital technolog	gy in an ethical, respon	sible and safe manner.
a- Digital footprint	b- digital citizenship	c- Hacking	d- password
3) enables to form an	image of a person thro	ough his responses and a	ctions on social media.
a- Digital footprint	b- digital citizenship	c- Hacking	d- password
4) When a person copie	s digital content with	out the owner's perm	ission for the
purpose of selling, thi	s is called		000
a- Digital footprint	b- digital citizenship	c- Hacking	d- password
5) Every trace a person l	eaves when using th	e Internet.	49
a- Digital footprint	b- digital citizenship	c- Hacking	d- password
6) Copy digital content of	vithout the owner's p	permission for the pur	oose of selling it
a- Digital footprint	b- digital citizenship	c- Hacking	d- password
7) Using the Internet wh	en I need to, while r	especting the law, is co	onsidered
a) Rights	b) Responsibilities	c) Piracy	d- password
8) It creates a record of	everything you do or	nline, including visiting	websites and what
you share with others			
a- Digital footprint	b- Digital citizenship	c- Piracy	d- password
9) One of the disadvanta	ages of the Internet .		
A- Protection from hacki	ng B- Identity the	eft C- Privacy	d- password
10) Digital citizenship	is the ability to use	in an ethical and res	ponsible manner.
A- Piracy B- Nu	mbers C- Digit	al technology	D- Responsibilities
11) is the legal excl	nange of content for	the purpose of sharing	or selling it to others.
A- Information B- Re	sponsibilities C	C- Assignments	D- Piracy
12) From the rights of	digital citizenship		

12) From the rights of digital citizenship............

a- Don't copy your digital footprint or shared with others

b- Show positive behavior in your communication online

- c- Be sure to evaluate what you're viewing
- d- Be sure that the material you see is safe
- 13) From the responsibilities of digital citizenship...........
- a- You must never commit piracy with the safe contents or share them
- b- Using the internet whenever you need
- c- Share information while respecting intellectual property rights
- d- Engage with others online

على منكرات الشرح كلملة تواصل وانسلب وغير مسموح بإزالة بيلالي سلسلة الخوارزمي التعليمية Theme 3: Lesson 3 Questions : Positive effects of information technology(اثرائي Q1: Put a word (true) or (false):-1. Skype virtual meeting app is limited to one-on-one calls. Digital technology has no role in our daily lives. 3. The WhatsApp application cannot be accessed through a mobile phone. 4. Information technology tools enable people of determination to communicate with teachers and view school subjects. 5. Digital devices can help a person with a speech impairment communicate with others using pictures. 6. Digital devices provide needed educational materials and facilitate communication with teachers for students with health issues. 7. Social media sites enable you to communicate with others virtually. 8. Popular communication applications include WhatsApp, Facebook, and Skype. (Q2: Choose the correct answer from the brackets: 1. The application is one of the popular applications for messaging between people. a- WhatsApp b- Mobily d- All of above c- Ayat You can share a video tutorial through......... a- EKB b- Sharing Platforms | c-Regular Mail | d- All of above 3. The most popular instant messaging application in the world and it is free.

a- WhatsApp App

b- Vilaby

C- EKB

d- All of above

4. The application is used to conduct group video chats.

A- Skype

b- (EKB)

C- Augmented reality

d- All of above

5. a video chatting program

a- Skype program b- (EKB)

C- Augmented reality

d- All of above

Theme 3: Lesson 4 Q: Online communication

Q1: Put the word	(true	or or	(fa	lse)	:
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الة بيناتي سلسلة الخوارزمي التعليمية	ت الشرح كاملة تواصل وانساب وغير مسموح بإز	الصول على منكرا			
1. Chat rooms allow asy	nchronous communicatio	n between people.			
2. Email is used to send	and receive messages of	an official nature.	(
3. A device with a camera and a	speaker is one of the necessary too	ls for making synchronous	communication. (
4. Instant Messaging Allows y	ou to send only text messages o	r add photos or videos u	sing the Internet. (
5. Instant Messaging (IN	1) includes text and image	es and cannot add a	a video clip. (
6. Asynchronous communicat	ion is communication that does	not require an immediat	te response. (
7. Google Chrome is a b	rowser used to access the	e Internet.	(
8. Skype is an asynchror	nous communication med	lium.	(
9. One of the applications of A	Asynchronous communication is	instant video chats and	live TV programs.		
10.Video chats allow dire	ect communication betwe	een two people onl	y. (/)		
11. You can use the Inter	rnet synchronously and as	synchronously to co	ommunicate. (
Q2: Choose the correct	enswer from the brackets to make a video call thro		n services. (
a- Mobile phone	b- Scanner	c- Laptop	d- all of above		
	send electronic message				
a- Email		c- Voice chat			
	eiving electronic message				
A- Instant messaging		C- Scanner			
4- The process of comm	unicating or exchanging in	nformation among	people at		
the same time is calle			,		
a- asynchronous	b- synchronous	c- chat	d- all of above		
5- Sending a text messa	ge to the e-mail of a colle	ague is a kind of			
a- asynchronous	b- synchronous	c- chat	d- all of above		
6- We need wh	en we have a video chat.				
a- computer with camera	a- computer with camera b- computer without camera c- screen d- all of above				
7- one of the Internet b	rowsers is				

سلسلة الخوارزمي التعليمية	تواصل وانساب وغير مسموح بإزالة بيلناتي	 للحصول على منكرات الشرح كاملة 		0
a- Internet explor	er b- video app	c- Audio ap	d- all of above	_
8- allows sending	text messages via Inter	net applications		
a- instant messagi	ing b- video app	c- Audio app	d- all of above	
9 is communication	ation that occurs in real ti	me through immediate	responses and the exchang	e
of information and	files between two people	at the same time via v	arious di <mark>gital tools.</mark>	
A. Synchronous	B. Digital footprint	C. Hyperlink	D. Cybersecurity	
10 is commur	nication that does not re	quire immediate res	oonses and can transfer	
information betw	een two people without	them having to be p	resent at the same time.	
A. Synchronous	B. Digital standards	C. Asynchronous	D. Telephone communication	n
11 allows dire	ect access to various pro	grams on your mobil	e device, such as email	
applications and v	video chats.		(4)	
A. Machine learni	ng B. Programming lang	uages C. E-waste	D. Mobile applications	
12 allows you	ı to send and receive me	essages electronically	which is more formal tha	in
instant messaging	3.			
A. Digital systems	B. Email C. D	Digital citizenship	D. Cybersecurity	
13. The process of communicating between individuals or exchanging information over				
the internet at the	e same time is known as	communication.		
A- Synchronous	B- Asynchronous	C- Paper	D- Written	
14 allo	ws sending text message	es over the Internet.		
A. Video chats	B. Voice calls	C. Instant messagi	ng D. Electronic safet	У
15 is u	sed to conduct group vio	deo chats with collea	gues.	
A. Skype	B. Egyptian Knowledge	Bank C. Email	D. Voice calls	
16. You need a co	mputer with a camera w	vhen you want to	•	
A. Send email	B. Make a video chat	C. Make a phone of	all D. Send photos	
*****	******	******	******	
Theme	3: Lesson 5 Q: How	to use electronic o	ommunication	
1: Put the word (true) or (false):-			

1-You can write the e-mail of the person you're sending the message to in the "subject" field. (

((9))

لة تواصل وانساب وغير مسموح بإزالة بيناتي سلسلة الخوارزمي التعليمية	🐷 🎖 للحصول على منكرات الشرح كلما		
2- You can communicate with an unknown	person over the Interne	et without consulting	
any of your family members.		()	
3- It is important to have good manners and e	etiquette when dealing wit	h others online. ()	
4- To start a group video chat, you must se	end a link to the participa	ants so they can join	
the conversation.		()	
5- Within the chat rooms, you can write, se	end, and respond to com	iments. ()	
6- Anyone with access to the chat rooms of	an view the messages.	()	
7- To join a conversation, you must click or	n the link provided and w	vait for accept access	
from the one who the start the meet.			
8- The person in charge of the call can mul	te others people's microp	ohones.	
9- If your camera is on so anyone who is o	n the call will be able to s	see you . ()	
Q2: Choose the correct answer from the b	rackets:		
1- It uses to send messages of an official n	ature.		
a) e-mail b- instant messaging	c- chat	d- All of above	
2 is a fun and informal way to co	mmunicate with others.		
a) e-mail b- instant messaging	c- chat	d- All of above	
3- To start a video chat, is created an	nd sent to the participan	ts in the conversation.	
a-Link b- video	c- message	d- All of above	
4- You can write the title of your message	via e-mail in the field		
a- From b- subject	c- Attachments.	d- All of above	
5- The last step for instant messaging is			
a- writing the message	b- pressing the "send"	icon	
c- pressing the "contact list"icon	d- All of above		
6- You can send long text messages over the Internet through			
A- Interactive map designer b- E-mail	c- Video chat d- A	ll of above	
7 Through you can write a comme	ent for the people sharing	g the room with you.	
ICT 4 [™] Grade	((10)) Mr-	- Belal Nasr 01065760483	

ة بيتتي سلسلة الثوارزمي التعليمية	لة تواصل وانساب وغير مسموح بإزالـ	المحلول على منكرات الشرح كاما		
a- chat room	b- Email	c- SMS	d- All of above	
8- You can turn	on or off d	uring a video chat.		
a- Camera	b- Scanner	c- Mouse	d- All of above	
9- 15- Through which p	eople can be viewe	ed from a distance		
a- Video camera	b- Scanner	c- Mouse	d- All of above	
****	*****	****	****	A A
Theme3: Less	on 6: Online lear	ning environmen	ts and resources	
Q1: Put the word (true)	or (false):-			
1. It is possible to find i	information about s	space science and hi	story on the interac	tive
map maker platform	1.			()
2. Edmodo digital learn	ning environment al	lows teachers and s	tudents to	
communicate and le	arn online.			()
3. The Interactive Map N	Maker is one of the sa	fe sites for research a	and data collection.	()
4. The National Geogra	phic platform for cl	hildren enables you	to conduct an	
experiment in science	ce interactively.			()
5. Online learning environ	ments allow communi	cation with people with	nout being in one place.	(T)
6. Interactive Map Des	signer is an unsafe s	site for research and	data collection.	()
7. Online learning environme				()
8. The Edmode platform pre		A STATE OF THE PARTY OF THE PAR		()
 Teachers can deliver virtu Online learning resource 		71777 AND THE RESERVE OF THE RESERVE		()
11.Online learning environment			<u> </u>	()
12.Online learning envi				()
13.Egyptian knowledge b				()
14. Egyptian knowledge k	Michigan Company			()
Q2: Choose the correct	answer from the b	rackets:		
1- From reliable digital	learning resources	via the Internet.		
a WhatsApp	b- EKB	c- Facebook	d- all of abov	re
	ICT 4TH Grade	((11))	Mr- Belal Nasr 01065	760483

سلسلة الخوارزمي التعليمية	🗢 للحصول على منكرات الشرح كاملة تواصل وانساب وغير مسموح بإزالة بياقاتي

2- Which of the following online learning resources would you recommend to your
friend who wants to conduct an experiment to find out the boiling point of water?
a- Interactive Map Maker b- Vlaby platform c- EKB d- all of above
3- Which of the following sites can your teacher use to deliver lessons online?
a- EKB b- Edmodo c- WhatsApp d- all of above
4- The platform enables you to use map-related data and tools.
a- Interactive map maker b- National Geographic Kids c- EKB d- all of above
5- It is one of the sources that enable you to get the appropriate information for children
a- Interactive map maker b- National Geographic Kids c- EKB d- all of above
6- Applications that allow students to communicate with teachers virtually.
a- Online learning environments b- Social Media c- EKB d- all of above
7- It is online mapping tools.
a- Vlaby b- National Geographic Kids c- Interactive map maker d- all of above
8- Teachers can provide virtual lessons to students through
a- Facebook b- Edmodo c) WhatsApp d- all of above
9 is an online learning environment that allows teachers and students to
communicate with each other regardless of their location.
A.Edmodo platform B. Facebook C. Skype D. Egyptian Knowledge Bank
10 is a virtual lab platform that enables students and teachers to
conduct lab experiments in an interactive, information-rich, and fun environment.
A- Facebook B. Skype C. vlaby D. Egyptian Knowledge Bank
11 is a popular online resource for finding information about animals,
science, history, and geography.
A- National Geographic Kids B. Social media C. Email D. Social networking sites
12 is a feature that provides online mapping tools for students and teachers.
A- Paint B. Interactive Map Maker C. Word D. Excel
13 is a virtual labs platform that enables students and teachers to do lab
experiments in an interactive environment

ح كاملة تواصل وانساب وغير مسموح بإزالة بياتاتي سلسلة الخوارزمي التعليمية	الصول على منكرات الشر
a- Egyptian knowledge bank (EKB)	b- National geographic kids
c- VLABY	d- Edmodo
14 Is Egypt's premiere online library of	resources which include variety of subjects.
a- Egyptian knowledge bank (EKB) b-	- National geographic kids
c- VLABY d-	- Edmodo
**************	*******
Theme 3: Lesson 7: A pl	an for digital research
Q1: Put the word (true) or (false):-	
1- You can write your research without indica	iting the source from which you got the
information.	0-(-)
2- Planning before conducting any digital rese	earch is not important. ()
3- Facebook, wikis, and blogs are among the i	unreliable sources. ()
4- It is necessary that your research plan inclu	ide (introduction- paragraphs - conclusion)
about the information you provide.	
5- It's important that your project contains so	ome untrusted information. ()
6- When preparing an outline for your reports	s, you should ignore including an
introduction.	
7- It is preferable to create an outline that is com	pletely devoid of conclusion and ideas. ()
8- Social media and blogs are reliable sources	()
9- It is important to plan well before conducti	ing digital research. ()
10- Online research is limited to textual sou	irces only. ()
11- Online research includes searching for i	mages, sounds, and videos, in addition to
textual sources.	()
12- Planning before conducting a digital sea	arch will help you focus on the information
you're trying to gather.	()
13- During conducting a digital search you	must mention the source information in you
notes to credit it .	()
ICT 4 [™] Grade	((13)) Mr- Belal Nasr 01065760483

وغير مسموح بإزالة بيقاتي سلسلة القوارزمي التعليمية	ت الشرح كاملة تواصل وانساب	🗢 للصول على ملكران	7	5
14- The digital search can inclu	de sources like a	audio, video, and im	nage.	1
15- Reliable sources are articles	or information v	written and verified	by experts.	()
16- The information used in digi	tal researches m	nust be reliable .		()
17- You must be careful when ta	iken information	through social me	dia platforms	s.()
Q2: Choose the correct answer for	om the bracket	s:		
1. (Ahmed) wrote a research pap	er on tourism in	Egypt - and he quo	ted part of t	he
research from the Egyptian Kn	owledge Bank p	latform, as he must		
A- Refer to publishers or authors	in a research pa	per.		
b- Publish the research without re	eferring to the p	ublishers.		
C- Share the research of others to	sell it without t	heir permission.		
D- All of above				
2. When conducting a digital sea	rch, you your ou	itline must include .		
A- An introduction to the research	h topic	B- Details far from	the research	n topic
C- Unreliable information		D- All of above		
3. It is essential that your research	ch plan includes.			
A - paragraphs providing information	tion b-inf	formation of questi	onable authe	enticity
C- digital blogs.	D- Al	l of above		
4. Information that is full of opin	ions and errors i	s from		
a- unreliable sources b- reliab	le sources	c- ture sources	d- All of abo	ove
5. includes an introduction, para	graphs of suppo	rting information, a	nd a conclus	ion.
a- Writing a diagram b- repor	+	c-research	d- All of abo	ove
6. Egyptian Knowledge Bank is	***************************************			
a- unreliable sources b- reliab	le sources	c- fake sources	d- All of abo	ove
7. It is considered one of the unr	eliable sources.			
a- Blogs b- Vlaby	c- Egyptian	Knowledge Bank	d- All of abo	ove
8 One of the components	of conducting sc	ientific research.		
a Choosing the topic b	- Seminars	C- Books	d- All of abo	ove
, (Q)	10000 0000 0000 0000 0000 0000 0000 00		PET & DESCRIPTION OF THE PETERS	

وغير مسموح بإزالة بيناتي سلسلة الخوارزمي التعليمية	🐷 🀱 للحصول على منكرات الشرح كلملة تواصل وانسلب و	
9. It is necessary to	. when starting to conduct digital	research.
A- Identify research locations	B- Write reports	
C- Prepare writing papers	D- Determine the rese	earch topic
10- reliable online information so	ources:	
A- Egyptian Knowledge Bank B	- WhatsApp C- Skype	D- Facebook
10.An outline should include		
a- An introduction that introduce	s the topic of the report	
b- Unsupported information		
c- Unrelated ideas		0
d- Unrelated researches		
11. Sources through social media	platforms are	49
a- reliable sources	b- unreliable sources	De la companya della companya della companya de la companya della
c- you must follow them	d- from the important	resources
******	**** ** ***	****
		2
Theme 3: Lesson 8: syr Q1: Put the word (true) or (false)	nchronous and asynchronous	communication
	include asynchronous communic	ation only. ()
2) synchronous communication i		()
200	ication to give ourselves or other to think about the information we	
	appropriate when it is between clos	
Parties and the second	is appropriate when information	
requires rapid action.	when information	()
6) We use synchronous commun	vication to conduct conversations	to check on people
who live far away from us.		()
(suitable between friends or close far	nily members. ()
14 A A A A A A A A A A A A A A A A A A A	is appropriate when information i	
Question 2: Choose the correct a		
1- Synchronous communication i	is appropriate when the informat	ion is
a- Repeated b- Urgent	c- Not urgent	d- all of above

تواصل وانساب وغير مسموح بإزالة بيناتي سلسلة الخوارزمي التعليمية	الصول على منكرات الشرح كاملة	
2- Which of the following situations is ap	propriate for synchronous o	communication?
A- Contact the police to report an inciden	t of theft.	
B - Calling your colleague to find out the c	late of the scheduled trip at	t the end of the yea
C - Calling your colleague to talk to him ak	out entertainment matters	5.
D- all of above		
3- It is a form of simultaneous communic friends or your family in audio and vide		h allows watching
a- Instant messaging b- E-mail	c- Video chat	d- all of above
4- synchronous communication is approp	riate	
A - between people who do not know eac	h other.	
b- between friends or family members.		G5
C- the information is not urgent.		
d- all of above		V. 37
5- When the information is urgent, it is p	referable to usecom	nunication.
A- asynchronous B- synchronous	C- paper letters	d- all of above
6- You can make video calls with your frie	ends through	
A- scanner b- mobile phone	c- printer	d- all of above
7- Suitable when the information is impo	rtant and not urgent.	
a- Asynchronous b- synchronous	c-both	d- none
8) Synchronous communication is approp	riate when:	
A. The answer requires thought, time, and	d preparation.	
B. When the information is important but	not urgent.	
C. When the information is urgent and ne	eds a quick response.	
D. When the people do not know each ot	ner before.	

Theme 4 Q : Software projects : Lesson 1 Q : Explorer in Action

Q1: Put the word (true) or (false):-

1. Augmented reality technologies help to provide information to you interactively. (

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2. Preserving life means protecting animals in their natural habitats.		+
3. The Internet of Elephant uses innovative digital tools to enhance the relation	ship	
between humans and wildlife around the world.	()
Q2: Choose the correct answer in brackets:		
1- You can walk through the forest virtually using technology		
a- Syncorns b- Augmented reality c- Bluetooth d- ASyncor	rns	
2- Technologyallows the real environment of objects to be viewed virtually.		
a) Algorithms b) Augmented Reality c- Bluetooth d- ASyncol	rns	
3- You can see many archaeological sites inside and outside Egypt while you are at ho	me by	A
a- augmented reality b- piracy C- digital footprint. D- all of ab	oove	
4- allows you to see real things by default		
a- Augmented reality b- Edmodo c- EKB D- all of ab	oove	

Theme 4 Q: Lesson 2 Q: Problem Solving Skills		
Q1: Put the word (true) or (false):-		
1- When making a guess to solve a problem, this guess is called the hypothesis test.	()
2- When making a guess to solve a problem, this guess is called the hypothesis.	()
3- When testing your hypothesis, it is necessary not to do any test that puts you at ris	k. ()
4- Your success in solving the problem means you succeed in testing your hypothess.	()
5- In the hypothesis testing stage a guess is made about how the problem occurred.	()
6- It is important to break complex problems into small parts when solving then	n. ()
7- The first step in solving problems is to guess how the problem occurred.	()
8- Large problems must be analyzed and divided into smaller parts for ease of solution	on.()
9- Hypotheses help you solve problems you may encounter.	()
10- The last step in problem-solving is constract a hypothesis.	()
11- Large or complex problems should not be broken down into smaller ones.	()
12- We can solve problems without cinstract a hypothesis.	()
ICT 4 TH Grade ((17)) Mr- Belal Nasr 010	06576048	3

 13- The trial-and-error strategy is used to solve problems. 14- A hypothesis is an educated guess about how things work . 15- You must break down the problem into small section to solve them in steps. 16- Hypothesis is an attempt to answer your question with an explanation that can be tested. 17- To solve a big problem you can solve the small parts of it step by step. 18- You mustn't conduct any test which is not safe when test the hypothesis . 19- You must assign to each person in the group a section of the problem to solve it. 19- You must assign to each person in the group a section of the problem to solve it. 			
 15- You must break down the problem into small section to solve them in steps. () 16- Hypothesis is an attempt to answer your question with an explanation that can be tested. () 17- To solve a big problem you can solve the small parts of it step by step. () 18- You mustn't conduct any test which is not safe when test the hypothesis . () 			
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tested. () 17- To solve a big problem you can solve the small parts of it step by step. () 18- You mustn't conduct any test which is not safe when test the hypothesis . ()			
17- To solve a big problem you can solve the small parts of it step by step. () 18- You mustn't conduct any test which is not safe when test the hypothesis . ()			
18- You mustn't conduct any test which is not safe when test the hypothesis . ()			
19- You must assign to each person in the group a section of the problem to solve it. ()			
Q2: Choose the correct answer in brackets:			
1- You should be careful when solving problems that may pose a risk to you during the step.			
A - hypotheses building b - collecting data on hypotheses			
C- hypothesis testing d ₃ all of above			
2- While turning on the computer, you found that it is not responding. You guessed that there			
was a malfunction in the operating switch, this guess. is called			
A- assumption (hypothesis) b- digital citizenship			
c- digital footprint d- all of above			
3- You watched your teacher making sure that the keyboard cable is connected the place			
designated for it, this means that he is taking the step.			
A - hypotheses building B - hypothesis testing.			
C- digital footprint. d- all of above			
4- Guess about how the problem happened.			
a- Hypothesis building B - hypothesis testing			
C- digital footprint. d- all of above			
5- It is an important strategy for solving problems			
a- we learn from our mistakes b- Trying only			
C- Error d- None			
6- To propose solutions to the problem of computer speakers not working, you must first do			
A. hypotheses test B. hypotheses constract ICT 4 TH Grade ((18)) Mr- Belal Nasr 01065760483			

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C. Summarize the results	D. Verify the success of the test
7- You must stop testing the hypothesis while	solving the problem if there is a
A. A friend's suggestion	B. A danger
C. Other solutions	D. An opinion that contradicts your own.
8- When solving problems, you should avoid to	esting
A. Requires movement B. Exposes you to da	anger C. Requires effort D. Takes time
9- Use the strategy to solve probl	emś
A. Cooperative learning B. Step-by-step	C. Trial and error D. Role-playing
10- When tackling a large problem, it is prefera	ble to
A. Divide it into smaller parts	B. Leave it unsolved
C. Tackle it once	D. Discuss it only
11-If you and your team faced a problem, to	solve it
a- assign each person section of it	b- assign the problem to one of them
c- only you solve the problem	d- keep the problem without solving
12- To facilitate solve a big problem	
a- breaking down the problem into smaller	section b- don't solve it
c- don't assign the roles to team group	d- assign one solve
************	*********
Theme4: Lesson 3 Q	: Provide Information
Q1: Put the word (true) or (false):-	
1- To design a poster or billboard, less than	three colors must be used to make the
poster attractive.	()
2- The size and type of font is taken into co	
3- When creating a design, you must enlarg4- You must be sure that your computer is it	788 Na 80 Pa a 400 Na 220 Na 200 Na 2
bundle.	f 1
	tour ou billbooked that in now to used ()
5- Be sure to choose a font size to your pos	
6- A margin is the space left around the edg	
7- Choice a complicated font size in the pos	((19)) Mr- Belal Nasr 01065760483

سلة الخوارزمي التعليمية	ماب وغير مسموح بإزالة بيلاتي سله	ملة تواصل واتس	صول على منكرات الشرح كا	<u></u> ©	16		
8- When making	g a poster or billboa	ard you r	nust be sure th	at the audi	ence will l	be able t	0
easily see you	ur information.					()
9- Images shoul	ld be suitable in sen	se term:	s of the conten	t you are sh	naring.	()
Q2: Choose the	correct answer in b	rackets					
1. You must cho	oose a font size	. when d	lesigning the po	oster.			
a-large	b- easy to read		c- small		d- all of a	bove	
2. One of the im facilitates	portant things whe	n creatir	ng an advertisin	ng poster is	choosing	a font th	at
a- Reading it	b- Writing it		c- Listening		d- all of a	bove	
3. The small nur	mber of colors used	l inside t	he announcing	board mak	es it		
a. difficult to und	derstand b. striking	g	c. lacks good o	design	d- all of a	bove	
4. The amount	of empty space bety	ween th	e edges of the	announcing	board is	called	
a. fonts	b. margin		c. image optio	ns	d- all of a	bove	
5. One of the elements of good design for your project is							
a-Consistency of font color with background color							
b-Inserting attractive images even if they are irrelevant to your project.							
c-Avoid leaving empty spaces (margins) inside the desig							
d- all of above	M						
6. Microsoft 36	5 package contains.	pro	gram.				
a. Word	b. Paint		c. Google chro	ome	d- all of a	bove	
7- The color har	mony in the design	of billbo	ards makes the	em:			
A- inconsistent	B- tiring to the eye	es	C- poorly design	gned	D- eye-ca	tching	
7. When creating	ng a poster or billbo	ard be s	ure to				
a- Choose a sma	ll font size		b- Choo	se complic	ated font	size	
c- Choose too big font size d- Choose suitable font size and type							
8. To use images in the billboard it must be							
a- appropriate in	appropriate images and sizes b- not clear images						
Va							-

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c- very small images	d- bad quality images		
**********	**********	****	
Theme 4: Lesson	n 4 Q: Digital Apps		
Q1: Put the word (true) or (false):-			
Evaluating information means to make so You can insert images into Excel files. The word processor program allows you to One of the disadvantages of Excel is the above word APP allows you to link your resear It is preferable to prevent others from them. C2: Choose the correct answer in brackets	o link your research report to websites. Folity to solve mathematical operations. The report to websites. Thinking about the information presections.	()	
I. A friend of yours wants to learn about the h platform would you recommend?	nistory of ancient Egypt, which		
A- The Egyptian Knowledge Bank C- Social media platforms	B- Video sharing platforms d- all of above		
2. From reliable digital learning resources via to A-WhatsApp application C-Facebook application	B- the Egyptian Knowledge Ban d- all of above	k (EKB)	
3. It is one of the components of the progra	am screenrows and columns		
a-Word b- Excel I. Types of sources for collecting information		aint	
a- Publications b- Excel	c- Power Point d- p	aint	
6. One of the features of the word processi	ing program (WORD) is that it allows	you to:	
A- Link your report to websites	B- Conduct extended video convers	ations	
C- Design distinctive presentations	D- Perform complex calculations		

Q1 : Put the word (true) or (false):-			

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1. Following the steps of preparing a falafel sandwich is not an algorithm	n. ()
2. Computers do not use algorithms to perform their own tasks.	()
3. Algorithm is a series of steps that explain how to perform a task.	()
4. The idea of algorithms is based on describing the steps that lead you to achieve a	a goal. ()
5. Computer applications use algorithms to perform a specific task.6. When we give instructions, we are using some type of algorithm.	()
7. Online search results are negatively affected when algorithms are use	ed ()
8. Computers and applications need algorithms to work.	()
9. Word processing program verify that the words you type is corre	ect. ()
Q2: Choose the correct answer in brackets:	
1- One of the algorithms followed when preparing a burger sandwich is	
AOpening the bread B. Making the dish C. Selling soap D.	Producing metals
2- The steps in making a bean sandwich can be described as a type of	40
A.Processors B. Stimulants C. Algorithms D.	Follow-ups
3- The first algorithm when organizing your room is	
A.Dusting B. Cleaning the floor C. Mop the floor D. Wipin	g flat surfaces
4- Algorithms are a series of	
A. Devices B. Numbers C. Steps D. Calcul	ations
5- When searching the internet, we can identify the most relevant results wit	th the help of
A. Calculator software B. Algorithms C. Antivirus D. Writin	ig software
6- The Program can recognize if the words typed correctly or not	
a-word b- photoshop c-excel d-	flash
THEME 4: Lesson 6 Q: The principles of coding	
Q1 : Put the word (true) or (false):-	
1) You can use programming codes to identify the paths needed to reach you	ır goal. ()
2) You can create mazes at Code.org.	()
3) A programming language is considered a form of algorithm.	()
4) A flowchart is completely different from programming when it presen	nts a problem in
simple, logical steps.	()
5) Coding is a form of algorithms.	()
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6) Coding is use	ed in animation, m	ovies and online games y	ou have played.(
7) Coding is the	writing of multiple	algorithms to make a co	mplete program.()	
8) Code.org car	n help you learn to	code using different codi	ng languages. ()	
Q2 : Choose the	correct answer in br	rackets:		
1 A	term that expresses	s the programming process.		
a- Blogs	b- coding	c- Digital footprint	d- all of above	
2 are com	mands used to desig	n a program.		
a- Word	b- Paint	c- Programming language	d- all of above	
3- Programming	is used to create ele	ectronic		
A. Articles	B. Stories	C. Games	D. Paper books.	
4- You can learn	coding on	websites.		
A- Egyptian Know	ledge Bank	B. The Ministr	y of Education	
C. The Ministry of	f Housing website	D. Cod.org		
5- The process of called	f producing an inter	active online game using mu	Iltiple algorithms is	
A. Drawing	B. Programming	C. Editing	D. Inserting	
6- Your friend wants to create an entertaining online game, so you should advise him to learn				
A. coding	B. E-commerce	C. Maintenance skill	s D. Writing skills	
7- You can type	multiple algorithm	s to create a complete pr	ogram by	
a- Programming	b -Screen	c- keyboard	d- mouse	
	*********	**************	****	
	Lesson 7: Grap	ل السابع: فن الجرافيك hic Art	الدرس	
Q1: Put the word	(true) or (false):-			
1. Paint program	allows you to write	some texts on the program	page. ()	
	1975	gram to enlarge part of the	image. ()	
The STATE OF THE S	font size and type or		()	
A	The second secon	through the Paint program. Int screen is the toolbox.	() (T)	
one of the cor	inponents of the par	int screen is the toolbox.	(1)	

ت المصول على منكرات الشرح كاملة تواصل وانساب وغير مسموح بإزالة بياناتي المسلمة الخوارزمي التعليمية		4
6. You can change and add images in the word processing program WORD.7. Paint program is one of the famous programs used in editing images		
8. Microsoft paint allows design image and save it.	()	
9. The toolbox includes all the tools that you will need to make your dra	wing.(
Question 2: Choose the correct answer in brackets:		
1 allows you to write texts and edit images on the program page.		
a- paint b- browser c- Excel D- CHRC	OME	
2. The Microsoft365 package contains software		
a- Word b- Paint c- Google Chrome d- all of	above	
3. Paint program is used in		
a) word processing b) creating spreadsheets c) editing photos d-all d	of above	
4. You can fill an image in the Paint program using the tool.		
A- Fill with color- B- Text C- Pencil d- all of	above	
5. The top of the Paint program's opening screen looks similar to the top of the	ne program	
A- Word B- Alarm and clock C- Calculator D- Datak	oases	
6. The Program is one of the famous programs in editing images		
a- Paint b -Word c- Facebook d- Twitte	er	
****************	4	
الدرس الثامن : إنشاء عرض تقديمي Lesson 8 Q : Create a presentation -:Q1: Put the word (true) or (false)	اسئله	
ACCOMPANIES AND ACCOMPANIES AN		
1. It's preferable to use written texts instead of relevant images within your presentation.	()	
2. One of the things to consider when preparing a presentation is to avoid wr	iting long	
paragraphs.	()	
The presentation program allows you to add some motion effects to your presentation.	()	
Microsoft PowerPoint used to create presentations that include text a	and special	
effects.	()	
5. The slide is a presentation page that contains text and images.	()	
	Maria de la companione de	-

6. Microsoft PowerPoint allows you to insert new slide to your presentation. (

Q2 : Choose the correct answer in brackets:

b. Paint

1.	To present your ideas that you have come up with in a way that is characterized by
	the effects of sound and movement, you need program.

c. PowerPoint

- 2. To prepare a good presentation you have to
- a. Pictures related to the topic of the presentation.
- b. add untrusted opinions and information to the presentation.
- c. add too many fonts and colors to the presentation.
- d. all of above

a. Word

- 3. You can add an image within PowerPoint by choosing.......
- a. Slide show
- b. Transitions
- c. Insert

d. edit

d-chrome

- 4. You can run your PowerPoint presentation through..... key from the keyboard.
- a. F3
- F4

c.F5

- d. F2
- 5. allows you to present your results for others through many motion effects.
- a. Word
- b. Paint
- c. PowerPoint
- d-chrome
- 6. A command that enables you to add slides in Power Point.
- a- New slide
- b- Save
- c- Slide show
- d. New
- 7. When creating a presentation, images are used
- A- Character

- B Black and white
- C- Black and white pictures
- D- Pictures related to the topic of the presentation
- 8. The Program used to create presentations that include text and special effects.
- a-PowerPoint
- b- Word
- c-Facebook
- d- Twitter

Theme 3 Q: Digital Citizenship Lesson 1 Q: Explorer in Action

Q1 Put a mark (true) or mark (false): -

1. Mr-Tyner uses digital technology to help him g	et his work done.	(T
2. Digital technology has no role in our daily lives		(F
3. Digital technology helps to find real solutions to the pr	oblems facing local commu	unities. (T
4. It has become difficult to book train or plane to	ckets online.	(F
5. You can book a bus ticket to travel to Alexandr	ia online.	(T
6. William Tyner is a cultural anthropologist, tecl	nnology expert, and filr	nmaker. (T
7. Digital technology helps travelers book travel	online.	(T)
8. Digital technology helps find real solutions to p	problems.	(T.
9. Nowadays there is a wealth of information	by using EKB website	e. (T
10. You can booking tickets to visit many historical and	cultural sites through the	i nter net. (T
11. You can pay for your bills like water and electricity	bills using apps through the	e internet. (T
12. Students must encourage to deal with technology	logy in safety and eas	y way. (T
13. You cannot booking tickets for trains, buses a	nd planes through the	internet. (F
14. Using technology in a positive way help people to	become good digital cit	izenships. (T
Q2: Choose the correct answer from the bracket	s:-	
1- William Tyner works as		
a-Engineer <u>b- Technologist</u>	c- Lawyer D-	Doctor
2- William Tyner used in his field of w	ork to find solutions t	o problems.
a- Physics <u>b- Digital Technology</u>	c- Chemistry d-	Math
3- The Egyptian Knowledge Bank EKB provid	les	
<u>a-Information</u> b- Money	c- Gold	d- water
4- Among the services provides is knowing	g the date and schedule	e of exams.
A- The website of the Ministry of Tourism and An	iquities	
B- The website of the Ministry of Health and Popu	lation	
C- The website of the Ministry of Education and T	echnical Education	

D- Ministry of Labor website

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5- My father uses to pay the electricity bills.	
A- Scanner B- Apps C- Printer D- Microphone	!
6- All of the following is consider from the safety using of technology except	
a- booking train tickets b- pay bills through the internet	
c- Egyptian knowledge bank (EKB) d- share your personal information through social med	ia
7- Students must encourage to use technology in Way.	
a- a few <u>b- safety and easy</u> c- badly d- annoying	

Theme 3 Lesson 2 Q : Digital Citizenship	
Q1: Put a word (true) or (false):	
1- Dealing responsibly with others online is part of digital citizenship. (T	y
2- Every trace that a person leaves when using the Internet is known as <u>digital citizenship</u> . (F)
3- Achieving digital citizenship entails a set of Rights and Responsibilities. (T)
4- You can copy scientific content without the permission of the owner. (F)
5- Anyone can copy and share your digital footprint without your consent. (F)
6- Piracy is the illegal exchange of content for the purpose of sharing it with others of	or
selling it. (T)
7- The Internet helps people spread positive ideas to help society or express opinion	s in
a way that doesn't offend others. (T)
8- You can publish and share information and entertainment online without citing the	ie
source. (F)
9- Digital citizenship is the ability to use digital technology ethically, responsibly, and safely. (T)
10- Digital footprint is a record of what you do online . (T)
11- Protect yourself from piracy isn't considered important . (F)
12- You have the right to use the internet when you need or want to, while respecting the law.	Т)
13- You must commit piracy with the protected content, share them and sell to others.(F)
14- You must crediting the resources when sharing an entertainment online. (T)

((4))

Q5: Choose the correct answer from the brackets:-

- 1) Someone tracks your responses on different social networking sites. It's called......
- A- digital footprint B- digital piracy C- assumptions d- digital citizenship
- 2) enables you to use digital technology in an ethical, responsible and safe manner.
- a- Digital footprint <u>b- digital citizenship</u> c- Hacking d- password
- 3) enables to form an image of a person through his responses and actions on social media.
- <u>a- Digital footprint</u> b- digital citizenship c- Hacking d- password
- 4) When a person copies digital content without the owner's permission for the purpose of selling, this is called
- a- Digital footprint b- digital citizenship <u>c- Hacking</u> d- password
- 5) Every trace a person leaves when using the Internet.
- a- Digital footprint b- digital citizenship c- Hacking d- password
- 6) Copy digital content without the owner's permission for the purpose of selling it
- a- Digital footprint b- digital citizenship <u>c- Hacking</u> d- password
- 7) Using the Internet when I need to, while respecting the law, is considered...
- a) Rights b) Responsibilities c) Piracy d- password
- 8) It creates a record of everything you do online, including visiting websites and what you share with others.
- <u>a- Digital footprint</u> b- Digital citizenship c- Piracy d- password
- 9) One of the disadvantages of the Internet
- A- Protection from hacking B- Identity theft C- Privacy d- password
- 10) Digital citizenship is the ability to use in an ethical and responsible manner.
- A- Piracy B- Numbers <u>C- Digital technology</u> D- Responsibilities
- 11) is the legal exchange of content for the purpose of sharing or selling it to others.
- A- Information B- Responsibilities C- Assignments D- Piracy
- 12) From the rights of digital citizenship......
- a- Don't copy your digital footprint or shared with others
- b- Show positive behavior in your communication online
- c- Be sure to evaluate what you're viewing
- d- Be sure that the material you see is safe
- 13) From the responsibilities of digital citizenship...........
- a- You must never commit piracy with the safe contents or share them
- b- Using the internet whenever you need
- c- Share information while respecting intellectual property rights
- d- Engage with others online



Theme 3: Lesson 3 Questions : Positive effects of information technology(اثرائي)

		100	
Q	1: Put a word (true) or (false):-		
1.	Skype virtual meeting app is limited to one-on-one calls.	(F)
2.	Digital technology has no role in our daily lives.	(F)
3.	The WhatsApp application cannot be accessed through a mobile phone.	(F)
4.	Information technology tools enable people of determination to communi	cate	
	with teachers and view school subjects.	(T)
5.	Digital devices can help a person with a speech impairment communicate	with oth	ers
	using pictures.	(T))
6.	Digital devices provide needed educational materials and facilitate commu	ınication	
	with teachers for students with health issues.	(T)
7.	Social media sites enable you to communicate with others virtually.	(T)
8.	Popular communication applications include WhatsApp, Facebook, and Sk	ype. (T)
Q	2: Choose the correct answer from the brackets:		
	The application is one of the popular applications for messaging betw	een peo	ple.
	WhatsApp b- Mobily c- Ayat d- All of above		
	You can share a video tutorial through		
	EKB <u>b- Sharing Platforms</u> c- Regular Mail d- All of above	2	
	The most popular instant messaging application in the world and it is free.		
	WhatsApp App b- Vilaby C- EKB d- All of above		
	The application is used to conduct group video chats.		
	- Skype b- (EKB) C- Augmented reality d- All of above	3	
	a video chatting program	•	
	Skype program b- (EKB) C- Augmented reality d- All of above	3	
a-	**************************************	****	
		8 8 5 5 5	

Theme 3: Lesson 4 Q: Online communication

Q1: Put the word (true) or (false):-

1. Chat rooms allow asynchronous communication between people.	(F)
--	----	---

2. Email is used to send	and receive messages of	an official nature.		(T	
3. A device with a camera and a	speaker is one of the necessary too	ols for making synchronous	communication.	(T	
4. Instant Messaging Allows y	ou to send only text messages o	r add photos or videos u	sing the Internet	. (T	
5. Instant Messaging (IN	M) includes text and imag	es and cannot add a	a video clip.	(F	
6. Asynchronous communica	tion is communication that does	not require an immedia	te response.	(T	
7. Google Chrome is a b	prowser used to access the	e Internet.		(T	
8. Skype is an asynchronous communication medium. (F					
9. One of the applications of	Asynchronous communication is	instant video chats and	live TV programs	. (F	
10.Video chats allow dir	ect communication betwe	een two people onl	y.	(F	
11. You can use the Inte	rnet synchronously and a	synchronously to co	ommunicate.	(T	
12. You can download app	olications on your mobile pl	none to obtain certai	n services.	(T	
Q2: Choose the correct	answer from the bracket	S:			
1- It is impossible for us	to make a video call thro	ugh			
a- Mobile phone	b- Scanner	c- Laptop	d- all of abo	ve	
2 is used to	send electronic message	s of an official natu	re.		
a- Email	b- Video chats	c- Voice chat	d- all of abo	ve	
3 Sending and rec	eiving electronic message	es using the Interne	t		
A- Instant messaging	B- Mobile phone	C- Scanner	d- all of abo	ve	
4- The process of comm	nunicating or exchanging i	nformation among	people at		
the same time is calle	ed				
a- asynchronous	b- synchronous	c- chat	d- all of abo	ve	
5- Sending a text messa	ge to the e-mail of a colle	ague is a kind of			
a- asynchronous	b- synchronous	c- chat	d- all of abo	ve	
6- We need wl	nen we have a video chat.				
a- computer with camer	a b- computer without	camera c- screen	d- all of abo	ve	
7- one of the Internet b	rowsers is				
a- Internet explorer	b- video app	c- Audio app	d- all of abo	ve	

◄ للحصول على منكرات الشرح كاملة تواصل وانساب وغير مسموح بإزالة بيقاتي سلسلة الخوارزمي التعليمية

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سلسلة الخوارزمي التعليمية	ملة تواصل واتسلب وغير مسموح بإزالة بيلالتي	🔊 للحصول على منكرات الشرح كا	
8- allows sending t	text messages <mark>via In</mark> terne	et applications	
a- instant messagir	ng b- video app	c- Audio app	d- all of above
9 is communicat	tion that occurs in real time	e through immediate	responses and the exchange
of information and f	iles between two people at	t the same time via v	arious digital tools.
A. Synchronous	B. Digital footprint	C. Hyperlink	D. Cybersecurity
10 is communi	cation that does not requ	uire immediate resp	oonses and can transfer
information betwe	en two people without tl	hem having to be p	resent at the same time.
A. Synchronous	B. Digital standards	C. Asynchronous	D. Telephone communication
11 allows direc	ct access to various progr	ams on your mobil	e device, such as email
applications and vi	deo chats.		
A. Machine learnin	g B. Programming langua	ages C. E-waste	D. Mobile applications
12 allows you	to send and receive mess	sages electronically,	, which is more formal than
instant messaging.			C V Y
A. Digital systems	B. Email C. Dig	gital citizenship	D. Cybersecurity
13. The process of	communicating between	individuals or exch	anging information over
the internet at the	same time is known as	communication.	
A- Synchronous	B- Asynchronous	C- Paper	D- Written
14 allow	vs sending text messages	over the Internet.	
A. Video chats	B. Voice calls	C. Instant messagi	ng D. Electronic safety
15 is use	ed to conduct group vide	o chats with collea	gues.
A. Skype	B. Egyptian Knowledge B	Sank C. Email	D. Voice calls
16. You need a con	nputer with a camera wh	en you want to	r
A. Send email	B. Make a video chat	C. Make a phone of	all D. Send photos
*****	******	*****	******
Theme 3	3: Lesson 5 Q : How to	use electronic o	communication
Q1: Put the word (ti	rue) or (false):-		
1- You can write the	e-mail of the person you're s	ending the message to	in the "subject" field. (F

كالمئة تواصل وانساب وغير مسموح بإزالة بياداتي سلسلة الخوارزمي التعليمية	🗢 للحصول على منكرات الشرح ا		
2- You can communicate with an unknown p	person over the Int	ernet without consu	ulting
any of your family members.			(F)
3- It is important to have good manners and eti	iquette when dealin	g with others online.	(T)
4- To start a group video chat, you must sen	d a link to the part	icipants so they can	join
the conversation.			(T)
5- Within the chat rooms, you can write, ser	nd, and respond to	comments.	(T)
6- Anyone with access to the chat rooms can	n view the message	25.	(T)
7- To join a conversation, you must click on	the link provided a	nd wait for accept a	iccess
from the one who the start the meet.			(T)
8- The person in charge of the call can mute	others people's m	icrophones.	(T)
9- If your camera is on so anyone who is on	the call will be able	e to see you .	(T)
Q2: Choose the correct answer from the bra	ackets:		
1- It uses to send messages of an official nat	ure.		
a) e-mail b- instant messaging	c- chat	d- All of abov	re
2 is a fun and informal way to com	nmunicate with oth	ners.	
a) e-mail <u>b- instant messaging</u>	c- chat	d- All of abov	⁄e
3- To start a video chat, is created and	sent to the partic	ipants in the conver	sation.
<u>a-Link</u> b- video	c- message	d- All of abov	/e
4- You can write the title of your message vi	a e-mail in the field	db	
a- From <u>b- subject</u>	c- Attachments.	d- All of abov	⁄e
5- The last step for instant messaging is			
a- writing the message	b- pressing the "se	nd" icon	
c- pressing the "contact list"icon	d- All of above		
6- You can send long text messages over the	Internet through		
A- Interactive map designer <u>b- E-mail</u>	c- Video chat	d- All of above	
7- Through you can write a commen	it for the people sh	aring the room with	ı you.
<u>a- chat room</u> b- Email	c- SMS	d- All of above	
8 You can turn on or off dur	ing a video chat.		
ICI 4 [™] Grade	((9))	Mr- Belal Nasr 01065	760483

ية	يقاتي سلسلة الخوارزمي التعليم	اصل وانسلب وغير مسموح بإزالة بد	لحصول على منكرات الشرح كاملة تو		
<u>a-</u>	Camera	b- Scanner	c- Mouse	d- All of above	
9-	15- Through which	people can be view	wed from a distance	e	
<u>a-</u>	Video camera	b- Scanner	c- Mouse	d- All of above	
	*****	*****	******	*******	: * *
	Theme3: Les	son 6: Online le	arning environm	ents and resources	
Q1	1: Put the word (tru	e) or (false):-			
1.	It is possible to find	information abou	t space science and	d history on the interac	ctive
	map maker platfor	m.			(F)
2.	Edmodo digital lear	rning environment	allows teachers an	nd students to	A
	communicate and l	learn online.			(T)
3.	The Interactive Map	Maker is one of the	safe sites for resear	ch and data collection.	(T)
4.	The National Geogr	raphic platform for	children enables y	ou to conduct an	
	experiment in scien				(F)
5.	Online learning enviro	onments allow commi	unication with people	without being in one place	e. <mark>(</mark> T)
6.	Interactive Map D	esigner is an unsaf	e site for research a	and data collection.	(F)
7.	Online learning environ	ments do not allow teac	hers and students to co	mmunicate with each other.	(F)
8.	The Edmode platform pr	revents teachers and stu	udents from communica	ting with each other.	(F)
9.	Teachers can deliver vir	tual lessons and upload	tests and homework th	rough the Edmodo platform.	. (T
10.	Online learning resour	ces include the Egypti	an Knowledge Bank a	nd National Geographic.	(T)
11	.Online learning environ	ments like Edmodo does	sn't allow teachers and s	students to communicate .	(F)
12	Online learning env	vironments like Edr	modo can provide v	virtual lessons.	(T)
13	.Egyptian knowledge	bank is considered of	one from the online	learning sources.	(T)
14	. Egyptian knowledge	bank is considered	one from the online	learning environments.	(F)
Q2	2: Choose the correc	ct answer from the	brackets:		
1-	From reliable digita	al learning resource	es via the Internet.		
a-	WhatsApp	b- EKB	c- Facebo	ook d- all of abo	ve
2-	Which of the follow	ving online learning	g resources would	you recommend to you	ur ,
	friend who wants t	o conduct an expe	riment to find out t	the boiling point of wa	ter?
a-	Interactive Map Ma	ker <u>b- Vlaby</u>	platform c- EKB	d- all of abo	ve
1		ICT 4 [™] Grade	((10))	Mr- Belal Nasr 0106	5760483

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3- Which of the following sites can your teacher	use to deliver lesso	ns online?
a- EKB <u>b- Edmodo</u> c- W	hatsApp	d- all of above
4- The platform enables you to use map	o-related data and t	cools.
a- Interactive map maker b- National Geog	raphic Kids c- EK	B d- all of above
5- It is one of the sources that enable you to get the	appropriate informa	tion for children
a- Interactive map maker <u>b- National Geog</u>	raphic Kids c- EK	B d- all of above
6- Applications that allow students to communic	ate with teachers v	irtually.
a- Online learning environments b- Social M	ledia c- EKB	d- all of above
7- It is online mapping tools.		0-
a- Vlaby b- National Geographic Kids <u>c- In</u>	teractive map make	er d- all of above
8- Teachers can provide virtual lessons to studer	its through	49
a- Facebook <u>b- Edmodo</u> c) W	hatsApp d- al	l of above
9is an online learning environment t	that allows teachers	s and students to
communicate with each other regardless of th	neir location.	
A.Edmodo platform B. Facebook C. Sk	xype D. Egyptian	Knowledge Bank
10is a virtual lab platform that e	enables students ar	nd teachers to
conduct lab experiments in an interactive, inf	ormation-rich, and	fun environment.
A- Facebook B. Skype <u>C. vl.</u>	aby D. Egyptiar	Knowledge Bank
11 is a popular online resource for	or finding informati	on about animals,
science, history, and geography.		
A- National Geographic Kids B. Social media	C. Email D. Sc	ocial networking sites
12 is a feature that provides online mappi	ng tools for studen	ts and teachers.
A- Paint B. Interactive Map Maker	C. Word D. Ex	cel
13is a virtual labs platform that ena	bles students and t	eachers to do lab
experiments in an interactive environment		
a- Egyptian knowledge bank (EKB)	b- National geogr	aphic kids

c- VLABY

d- Edmodo

			(6
ح كاملة تواصل وانساب وغير مسموح بإزالة بيلاني سلسلة الخوارزمي التطيمية	الصول على منكرات الشرح		Q
14 Is Egypt's premiere online library of	resources which include variety of su	ubject:	5.
a- Egyptian knowledge bank (EKB) b	- National geographic kids		
c- VLABY	l- Edmodo		
*************	********		
Theme 3: Lesson 7: A pl	lan for digital research		
Q1: Put the word (true) or (false):-			
1- You can write your research without indica	ating the source from which you got t	the	
information.		(F)
2- Planning before conducting any digital rese	earch is not important.	(F)
3- Facebook, wikis, and blogs are among the	unreliable sources.	(T)
4- It is necessary that your research plan inclu	ude (introduction- paragraphs - concl	usion))
about the information you provide.		(T)
5- It's important that your project contains so	ome untrusted information.	(F)
6- When preparing an outline for your report	s, you should ignore including an		
introduction.		(F)
7- It is preferable to create an outline that is com	npletely devoid of conclusion and ideas.	(F)
8- Social media and blogs are reliable sources	5.	(F)
9- It is important to plan well before conduct	ing digital research.	(T)
10- Online research is limited to textual sou	irces only.	(F)
11- Online research includes searching for i	images, sounds, and videos, in addition	on to	
textual sources.		(T)
12- Planning before conducting a digital sea	arch will help you focus on the inform	nation	
you're trying to gather.		(T)
13- During conducting a digital search you	must mention the source informatio	n in yo	our
notes to credit it .		(T)
14- The digital search can include sources li	ike audio, video, and image.	(T)

15- Reliable sources are articles or information written and verified by experts.

((12))

(T

a- Blogs

8. One of the components of conducting scientific research.

a- Choosing the topic

b- Seminars

C- Books

d- All of above

9. It is necessary to when starting to conduct digital research.

A- Identify research locations

B- Write reports

C-Prepare writing papers

D- Determine the research topic

كالهلة تواصل وانساب وغير مسموح بإزالة بياتاتي المسلمة الخوارزمي التعليمية	المصول على منكرات الشرح المصول على منكرات الشرح		Q
10- reliable online information sources:			
A- Egyptian Knowledge Bank B- WhatsApp	C- Skype D- Facebook	(
10.An outline should include			
a- An introduction that introduces the topic of	of the report		
b- Unsupported information			
c- Unrelated ideas			
d- Unrelated researches			
11. Sources through social media platforms a	re		
a- reliable sources	b- unreliable sources		
c- you must follow them	d- from the important resources		2
************	*********		
Theme 3: Lesson 8: synchronous	and asynchronous communicati	ion	
Q1: Put the word (true) or (false):-			
1) Online learning environments include asy	nchronous communication only.	(F)
2) synchronous communication is not always	s a good thing.	(T)
3) We use synchronous communication to gi	y ,4 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		58
communicate sufficient time to think about		(F)
4) Simultaneous communication is appropriate	20.70	1997)
5) Asynchronous communication is appropri	ate when information is important ar		-
requires rapid action.		(F)
6) We use synchronous communication to co	onduct conversations to check on peo		1
who live far away from us.	F	(T)
7) synchronous communication is suitable betw		(T)
8) Synchronous communication is appropria		(T)
Question 2: Choose the correct answer in br			
1- Synchronous communication is appropria			
	c- Not urgent d- all of abo		
2- Which of the following situations is appro	45	onr	
A- Contact the police to report an incident of		ha va	- r
B - Calling your colleague to find out the date		ie yea	al.
C - Calling your colleague to talk to him about D- all of above	t entertainment matters.		

- 3- It is a form of simultaneous communication via the Internet, which allows watching friends or your family in audio and video.
- a- Instant messaging
- b- E-mail
- c- Video chat
- d- all of above
- 4- synchronous communication is appropriate
- A between people who do not know each other.
- b- between friends or family members.
- C- the information is not urgent.
- d- all of above
- 5- When the information is urgent, it is preferable to usecommunication.
- A- asynchronous
- B- synchronous
- C- paper letters
- d- all of above
- 6- You can make video calls with your friends through...
- A- scanner
- b- mobile phone c- printer

- d- all of above
- 7- Suitable when the information is important and not urgent
- a- Asynchronous
- b-synchronous
- c-both

d- none

- 8) Synchronous communication is appropriate when:
- A. The answer requires thought, time, and preparation.
- B. When the information is important but not urgent.
- C. When the information is urgent and needs a quick response.
- D. When the people do not know each other before.



Theme 4 Q: Software projects: Lesson 1 Q: Explorer in Action

Q1: Put the word (true) or (false):	Q1:	Put the	word	(true)	or	(false)	:-
-------------------------------------	-----	---------	------	--------	----	---------	----

1.	Augmented reality	technologies /	help to provide i	information to you	interactively.	(T)
----	-------------------	----------------	-------------------	--------------------	----------------	----	---

- 2. Preserving life means protecting animals in their natural habitats. (T)
- 3. The Internet of Elephant uses innovative digital tools to enhance the relationship between humans and wildlife around the world. (T)

Q2: Choose the correct answer in brackets:

- 1- You can walk through the forest virtually using technology
- a- Syncorns <u>b- Augmented reality</u> c- Bluetooth d- ASyncorns
- 2- Technology...allows the real environment of objects to be viewed virtually.
- a) Algorithms b) Augmented Reality c- Bluetooth d- ASyncorns
- 3- You can see many archaeological sites inside and outside Egypt while you are at home by ...
- <u>a- augmented reality</u> b- piracy C- digital footprint. D- all of above
- 4- allows you to see real things by default
- a- Augmented reality b- Edmodo c- EKB D- all of above

Theme 4 Q: Lesson 2 Q: Problem Solving Skills

Q1: Put the word (true) or (false):-

- 1- When making a guess to solve a problem, this guess is called the hypothesis test. (F)
- 2- When making a guess to solve a problem, this guess is called the hypothesis. (T)
- 3- When testing your hypothesis, it is necessary not to do any test that puts you at risk. (T
- 4- Your success in solving the problem means you succeed in testing your hypothess. (T)
- 5- In the hypothesis testing stage a guess is made about how the problem occurred. (F
- 6- It is important to break complex problems into small parts when solving them. (T
- 7- The first step in solving problems is to guess how the problem occurred. (T
- 8- Large problems must be analyzed and divided into smaller parts for ease of solution.(T)
- 9- Hypotheses help you solve problems you may encounter. (T)

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10- The last step in problem-solving is cons	tract a hypothesis.	(F	+	
11- Large or complex problems should not	be broken down into smaller ones.	(F)	
12- We can solve problems without constra	act a hypothesis.	(F)	
13- The trial-and-error strategy is used to solve problems.				
14- A hypothesis is an educated guess about how things work .				
15- You must break down the problem into	small section to solve them in steps.	(T)	
16- Hypothesis is an attempt to answer you	ur question with an explanation that ca	in be		
tested.		(T)	
17- To solve a big problem you can solve th	e small parts of it step by step.	(T))	
18- You mustn't conduct any test which is r	not safe when test the hypothesis	(Ť	/)	
19- You must assign to each person in the grou	up a section of the problem to solve it.	(T)	
Q2: Choose the correct answer in brackets				
1- You should be careful when solving probler	ms that may pose a risk to you during the	step	o.	
A - hypotheses building	b - collecting data on hypotheses			
C- hypothesis testing	d- all of above			
2- While turning on the computer, you found	that it is not responding. You guessed tha	t ther	е	
was a malfunction in the operating switch,	this guess. is called			
A- assumption (hypothesis)	b- digital citizenship			
c- digital footprint	d- all of above			
3- You watched your teacher making sure that	t the keyboard cable is connected the pla	ce		
designated for it, this means that he is takin	ng the step.			
A - hypotheses building	B - hypothesis testing.			
C- digital footprint.	d- all of above			
4- Guess about how the problem happened.				
a- Hypothesis building	B - hypothesis testing			
C- digital footprint.	d- all of above			

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لله تواصل والسلب وغير مسموح بإزاله بيلاتي سلسله الحوارزمي التعليمية	للصول على ملكرات لشرح كله			
5- It is an important strategy for solving problems				
a- we learn from our mistakes	b- Trying only			
C- Error	d- None			
6- To propose solutions to the problem of con	nputer speakers not working, you must first do			
A. hypotheses test	B. hypotheses constract			
C. Summarize the results	D. Verify the success of the test			
7- You must stop testing the hypothesis while	solving the problem if there is a			
A. A friend's suggestion	B. A danger			
C. Other solutions	D. An opinion that contradicts your own.			
8- When solving problems, you should avoid t	esting			
A. Requires movement B. Exposes you to d	anger C. Requires effort D. Takes time			
9- Use the strategy to solve prob	lems			
A. Cooperative learning B. Step-by-step	C. Trial and error D. Role-playing			
10- When tackling a large problem, it is prefera	able to			
A. Divide it into smaller parts	B. Leave it unsolved			
C. Tackle it once	D. Discuss it only			
11-If you and your team faced a problem, to	o solve it			
a- assign each person section of it	b- assign the problem to one of them			
c- only you solve the problem	d- keep the problem without solving			
12- To facilitate solve a big problem				
a- breaking down the problem into smaller	section b- don't solve it			
c- don't assign the roles to team group	d- assign one solve			
**********	**********			
Theme4: Lesson 3 C	Q: Provide Information			
Q1: Put the word (true) or (false):-				
1- To design a poster or billboard, less than	three colors must be used to make the			
poster attractive.	(T)			
2- The size and type of font is taken into co	onsideration when designing posters. (T)			
3- When creating a design, you must enlarge	ge the font to the largest possible size. (F)			

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4- You must be	sure that your computer is	updated to download Mi	crosoft office	365	_	
bundle.				(T)	
5- Be sure to ch	oose a font size to your po	ster or billboard that is ea	isy to read.	(T)	
6- A margin is t	he space left around the ed	ges of your poster or billb	ooard.	(T)	
7- Choice a com	nplicated font size in the po	ster makes it easy to read	d.	(F)	
8- When makin	g a poster or billboard you	must be sure that the aud	dience will be	able	to	
easily see yo	ur information.			(T)	
9- Images shou	ld be suitable in sense term	s of the content you are s	sharing.	(T)	
				A)		
Q2: Choose the	correct answer in brackets				7	
1. You must cho	oose a font size when	designing the poster.				
a-large	b- easy to read	c- small	d- all of abo	ve		
	portant things when creati	ng an advertising poster i	s choosing a	font t	hat	
facilitates						
a- Reading it	b- Writing it	c- Listening	d- all of abo	ove		
3. The small nu	mber of colors used inside	the announcing board ma	ikes it			
a. difficult to un	derstand <u>b. striking</u>	c. lacks good design	d- all of abo	ove		
4. The amount	of empty space between th	ne edges of the announcin	ig board is ca	lled		
a. fonts	b. margin	c. image options	d- all of abo	ove		
5. One of the el	lements of good design for	your project is				
a-Consistency of	f font color with backgroun	d color				
b-Inserting attra	active images even if they a	re irrelevant to your proje	ect.			
c-Avoid leaving	empty spaces (margins) ins	ide the desig				
d- all of above	d- all of above					
6. Microsoft 36	5 package contains pro	ogram.				
a. Word	b. Paint	c. Google chrome	d- all of abo	ove		
7- The color har	mony in the design of billbo	pards makes them:				
A- inconsistent	B- tiring to the eyes	C- poorly designed	D- eye-catc	hing		

ت الشرح كاملة تواصل وانساب وغير مسموح بإزالة بيناتي سلسلة الخوار رمي التعليمية	الصول على منكرا				
7. When creating a poster or billboard be sure to	7. When creating a poster or billboard be sure to				
a- Choose a small font size	b- Choose complicated font size				
c- Choose too big font size	d- Choose suitable font size and type				
8. To use images in the billboard it must be					
a- appropriate images and sizes	b- not clear images				
c- very small images	d- bad quality images				
***********	********				
Theme 4: Lesson 4 Q	Digital Apps				
Q1: Put the word (true) or (false):-	A -				
Evaluating information means to make sure th	at its sources are trusted. (T)				
2) You can insert images into Excel files.	(F)				
3) The word program allows you to link your research	ch report to websites. (T)				
4) One of the disadvantages of Excel is the ability to	solve mathematical operations. (F)				
5) word app allows you to link your research rep	ort to websites. (T)				
6) It is preferable to prevent others from thinking	g about the information presented to				
them.	(F)				
Q2 : Choose the correct answer in brackets:					
1. A friend of yours wants to learn about the history	of ancient Egypt, which				
platform would you recommend?					
A- The Egyptian Knowledge Bank	B- Video sharing platforms				
C- Social media platforms	d- all of above				
2. From reliable digital learning resources via the Inte	ernet.				
A- WhatsApp application	B- the Egyptian Knowledge Bank (EKB)				
C- Facebook application	d- all of above				
3. It is one of the components of the program scr	eenrows and columns				
a-Word <u>b- Excel</u>	c- Power Point d- paint				
4. Types of sources for collecting information.	4. Types of sources for collecting information.				
a- Publications b- Excel	c- Power Point d- paint				
5. One of the features of the word processing program (WORD) is that it allows you to:					
A- Link your report to websites B- Co	nduct extended video conversations				

ų.	r. Fut the word (true) or (raise)	
1.	Following the steps of preparing a falafel sandwich is not an algorithm.	(F
2.	Computers do not use algorithms to perform their own tasks.	(F
3.	Algorithm is a series of steps that explain how to perform a task.	(T
4.	The idea of algorithms is based on describing the steps that lead you to achieve a goal.	(T
5.	Computer applications use algorithms to perform a specific task.	(T
6.	When we give instructions, we are using some type of algorithm.	(T
7.	Online search results are negatively affected when algorithms are used.	(F
8.	Computers and applications need algorithms to work.	(T
9.	Word processing program verify that the words you type is correct.	(T
10	Word processing program can't verify that the words you type is correct	(F

Q2: Choose the correct answer in brackets:

1- One of th	e algorithms followed	l when preparing a b	ourger sandwich is	
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- B. Making the dish A-. Opening the bread C. Selling soap D. Producing metals
- 2- The steps in making a bean sandwich can be described as a type of
- B. Stimulants D. Follow-ups A.Processors C. Algorithms
- 3- The first algorithm when organizing your room is
- C. Mop the floor D. Wiping flat surfaces A.Dusting B. Cleaning the floor
- 4- Algorithms are a series of
- A. Devices B. Numbers C. Steps D. Calculations
- 5- When searching the internet, we can identify the most relevant results with the help of
- A. Calculator software B. Algorithms C. Antivirus D. Writing software
- 6- The Program can recognize if the words typed correctly or not
- d- flash a-word b- photoshop c-excel

THEME 4: Lesson 6 Q: The principles of coding

Q1: Put the	e word (true) or (false	:-
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1) You can use programming codes to identify the paths needed to reach your goa	l. (T)
2) You can create mazes at Code.org.	(T)
3) A programming language is considered a form of algorithm.	(T)
4) A flowchart is completely different from programming when it presents a	problem i	n
simple, logical steps.	(F)
5) Coding is a form of algorithms.	(T)
6) Coding is used in animation, movies and online games you have pla)
7) Coding is the writing of multiple algorithms to make a complete prog	See and a section)
8) Code.org can help you learn to code using different coding language	es. (T)
Q2 : Choose the correct answer in brackets:		
1 A term that expresses the programming process.		
a- Blogs <u>b- coding</u> c- Digital footprint d- all of	above	
2 are commands used to design a program.	\$100.	
a- Word b- Paint <u>c- Programming language</u> d- all of	above	
3- Programming is used to create electronic		
A. Articles B. Stories <u>C. Games</u> D. Pape	er books.	
4- You can learn coding on websites.		
A- Egyptian Knowledge Bank B. The Ministry of Education	n	
C. The Ministry of Housing website D. Cod.org		
5- The process of producing an interactive online game using multiple algorit called	hms is	
A. Drawing B. Programming C. Editing D. Inser	ting	
6- Your friend wants to create an entertaining online game, so you should ad	vise him t	to
learn		
A. coding B. E-commerce C. Maintenance skills D. Writ	ing skills	
7- You can type multiple algorithms to create a complete program by		
a- Programming b -Screen c- keyboard d- mou	se	

الدرس السابع: فن الجرافيك Lesson 7: Graphic Art

Q1: Put	the word	(true) or	(false):-
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1-	Paint program allows you to write some texts on the program page.	(T)
2-	The brush tool is used in Paint program to enlarge part of the image.	(F)
3-	You can change font size and type on Word software.	(T)
4-	It is impossible to modify images through the Paint program.	(F)
5-	One of the components of the paint screen is the toolbox.	(T)
6-	You can change and add images in the word processing program WORD.	(T)
7-	Paint program is one of the famous programs used in editing images.	(T)
8-	Microsoft paint allows design image and save it .	(T)
9-	The toolbox includes all the tools that you will need to make your drawing	og (T	

Question 2: Choose the correct answer in brackets:

1	allows you to write texts ar	nd edit images on the progra	m page.			
a- paint	b- browser	c- Excel	D- CHROME			
2. The	Microsoft365 package contain	s software				
a- Word	b- Paint	c- Google Chrome	d- all of above			
3. Pain	program is used in					
a) word	processing b) creating s	preadsheets c) editing pho	otos d- all of above			
4. You	can fill an image in the Paint p	rogram using the tool.				
A- Fill w	ith color- B- Text	C- Pencil	d- all of above			
5. The	op of the Paint program's ope	ening screen looks similar to	the top of the program			
A- Word	B- Alarm and clock	C- Calculator	D- Databases			
6. The	6. The Program is one of the famous programs in editing images					
a- Paint	b -Word	c- Facebook	d- Twitter			

Lesson 8 Q: Create a presentation أَسَئْلُهُ الدرس التَّامن : إنشاء عرض تقديمي Q1: Put the word (true) or (false):-

Q1: Put the word (true or (laise):-			
1. It's preferable	to use written texts	s instead of relevant imag	es within your	
presentation.				(F)
2. One of the thir	ngs to consider whe	en preparing a presentation	on is to avoid writin	g long
paragraphs.				(T)
1.167	on program allows	you to add some motion	effects to your	
presentation.	warDaint was dita	proote procentations the	st include tout and	(T)
effects.	verPoint used to t	create presentations that	at include text and	(T
5. The slide is a	presentation pag	e that contains text and	I images.	(T)
6. Microsoft Pov	verPoint allows yo	ou to insert new slide to	your presentation	i. (Ŧ
Q2 : Choose the o	correct answer in b	rackets:		1
1. To present you	ur ideas that you ha	ve come up with in a way	that is characterize	ed by
the effects of s	sound and moveme	nt, you need progra	ım.	
a. Word	b. Paint	c. PowerPoint	d- chrome	
2. To prepare a g	ood presentation y	ou have to	J	
a. Pictures related	d to the topic of the	presentation.		
b. add untrusted of	opinions and inform	nation to the presentation	n.	
c. add too many fe	onts and colors to t	he presentation.		
d. all of above				
3. You can add ar	n image within Pow	erPoint by choosing		
a. Slide show	b. Transitions	c. Insert	d. edit	
4. You can run yo	our PowerPoint pres	sentation through key	from the keyboard.	
a. F3	F4	c. F5	d. F2	
5 allows y	ou to present your	results for others throug	h many motion effe	ects.
a. Word	b. Paint	c. PowerPoint	d- chrome	
6. A command th	at enables you to a	dd slides in Power Point.		
a- New slide	b- Save	c- Slide show	d. New	

7. When creating a presentation, images are used

A- Character B- Black and white

C- Black and white pictures D- Pictures related to the topic of the presentation

8. The Program used to create presentations that include text and special effects.

a-PowerPoint b- Word c-Facebook d- Twitter



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